# Class15

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### Investigating Pertussis Resurgence

Q1. With the help of the R "addin" package datapasta assign the CDC pertussis case number data to a data frame called cdc and use ggplot to make a plot of cases numbers over time.

Obtain data from https://www.cdc.gov/pertussis/surv-reporting/cases-by-year.html

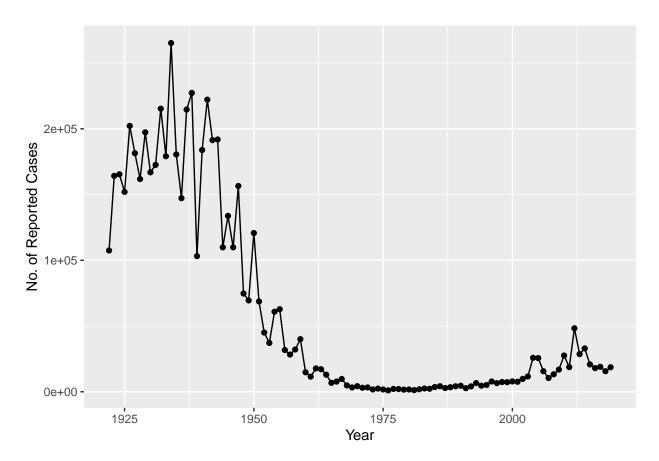
```
cdc <- data.frame(</pre>
                                   Year = c(1922L, 1923L, 1924L, 1925L,
                                             1926L,1927L,1928L,1929L,1930L,1931L,
                                             1932L, 1933L, 1934L, 1935L, 1936L,
                                             1937L,1938L,1939L,1940L,1941L,1942L,
                                             1943L, 1944L, 1945L, 1946L, 1947L,
                                             1948L,1949L,1950L,1951L,1952L,
                                             1953L,1954L,1955L,1956L,1957L,1958L,
                                             1959L,1960L,1961L,1962L,1963L,
                                             1964L,1965L,1966L,1967L,1968L,1969L,
                                             1970L, 1971L, 1972L, 1973L, 1974L,
                                             1975L,1976L,1977L,1978L,1979L,1980L,
                                             1981L, 1982L, 1983L, 1984L, 1985L,
                                             1986L,1987L,1988L,1989L,1990L,
                                             1991L, 1992L, 1993L, 1994L, 1995L, 1996L,
                                             1997L,1998L,1999L,2000L,2001L,
                                             2002L,2003L,2004L,2005L,2006L,2007L,
                                             2008L, 2009L, 2010L, 2011L, 2012L,
                                             2013L,2014L,2015L,2016L,2017L,2018L,
                                             2019L),
         No..Reported.Pertussis.Cases = c(107473,164191,165418,152003,
                                             202210, 181411, 161799, 197371,
                                             166914,172559,215343,179135,265269,
                                             180518,147237,214652,227319,103188,
                                             183866,222202,191383,191890,109873,
                                             133792,109860,156517,74715,69479,
                                             120718,68687,45030,37129,60886,
                                             62786,31732,28295,32148,40005,
                                             14809,11468,17749,17135,13005,6799,
                                             7717,9718,4810,3285,4249,3036,
                                             3287,1759,2402,1738,1010,2177,2063,
                                             1623,1730,1248,1895,2463,2276,
                                             3589,4195,2823,3450,4157,4570,
                                             2719,4083,6586,4617,5137,7796,6564,
                                             7405,7298,7867,7580,9771,11647,
                                             25827, 25616, 15632, 10454, 13278,
                                             16858, 27550, 18719, 48277, 28639, 32971,
```

```
20762,17972,18975,15609,18617)
```

Plot data

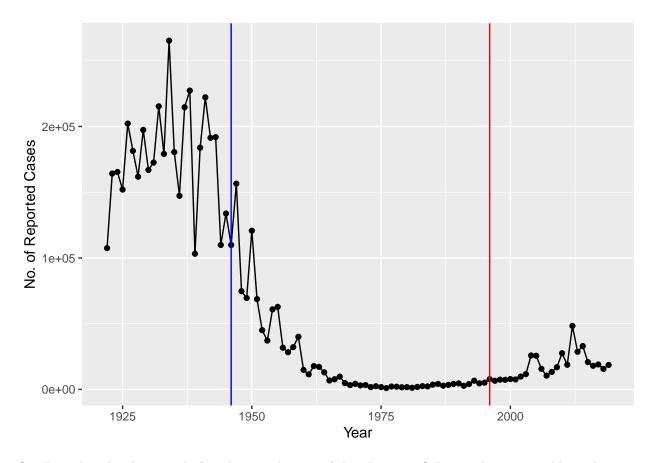
```
library(ggplot2)

ggplot(cdc) +
  aes(Year, No..Reported.Pertussis.Cases) +
  geom_point() +
  geom_line() +
  labs(x="Year", y="No. of Reported Cases")
```



Q2. Using the ggplot geom\_vline() function add lines to your previous plot for the 1946 introduction of the wP vaccine and the 1996 switch to aP vaccine (see example in the hint below). What do you notice?

```
ggplot(cdc) +
  aes(Year, No..Reported.Pertussis.Cases) +
  geom_point() +
  geom_line() +
  geom_vline(xintercept=1946, color="blue") +
  geom_vline(xintercept=1996, color="red") +
  labs(x="Year", y="No. of Reported Cases")
```



Q3. Describe what happened after the introduction of the aP vaccine? Do you have a possible explanation for the observed trend?

Ans - Pertussis cases started increasing

Possible explanation: -

- 1) Vaccine efficacy
- 2) Mutations in the bacteria
- 3) In-sensitive PCR testing

```
# Allows us to read, write and process JSON data
library(jsonlite)
subject <- read_json("https://www.cmi-pb.org/api/subject", simplifyVector = TRUE)
head(subject, 3)</pre>
```

```
##
     subject_id infancy_vac biological_sex
                                                          ethnicity race
## 1
                         wP
                                     Female Not Hispanic or Latino White
## 2
              2
                         wP
                                     Female Not Hispanic or Latino White
## 3
              3
                         wP
                                     Female
                                                            Unknown White
##
     year_of_birth date_of_boost
                                    study_name
## 1
        1986-01-01
                      2016-09-12 2020_dataset
## 2
                       2019-01-28 2020_dataset
        1968-01-01
## 3
        1983-01-01
                      2016-10-10 2020_dataset
```

Q4. How many aP and wP infancy vaccinated subjects are in the dataset?

```
table(subject$infancy_vac)
```

```
## aP wP ## 47 49
```

Q5. How many Male and Female subjects/patients are in the dataset?

```
table(subject$biological_sex)
```

```
## ## Female Male ## 66 30
```

Q6. What is the breakdown of race and biological sex (e.g. number of Asian females, White males etc...)?

```
table(subject$biological_sex, subject$race)
```

```
##
##
            American Indian/Alaska Native Asian Black or African American
##
     Female
                                                18
##
     Male
                                           1
                                                 9
##
##
            More Than One Race Native Hawaiian or Other Pacific Islander
##
     Female
##
     Male
                                                                            1
##
##
            Unknown or Not Reported White
##
                                   10
                                          27
     Female
     Male
                                    4
                                          13
##
```

- Q7. Using this approach determine
  - (i) the average age of wP individuals,
- (ii) the average age of aP individuals; and (iii) are they significantly different?

#### library(lubridate)

```
##
## Attaching package: 'lubridate'
## The following objects are masked from 'package:base':
##
## date, intersect, setdiff, union

wP_data <- subject[which(subject$infancy_vac == "wP"), ]</pre>
```

#Joining multiple tables

```
# Complete the API URLs...
specimen <- read_json("https://www.cmi-pb.org/api/specimen", simplifyVector = TRUE)
titer <- read_json("https://www.cmi-pb.org/api/ab_titer", simplifyVector = TRUE)
specimen</pre>
```

##		specimen_id	subject_id	actual_day_relative_to_boost
##	1	1	1	-3
##	2	2	1	736
##	3	3	1	1
##	4	4	1	3
##	5	5	1	7
##	6	6	1	11
##	7	7	1	32
##	8	8	1	100
##	9	9	1	464
##	10	10	1	542
##	11	11	2	1
##	12	12	2	1
##	13	13	2	3
##	14	14	2	7
##	15	15	2	14
##	16	16	2	31
##	17	17	2	102
##	18	18	2	361
##	19	19	3	-3
##	20	20	3	1
	21	21	3	3
##	22	22	3	7
	23	23	3	14
	24	24	3	30
##	25	25	3	92
##	26	26	3	772
##	27	27	4	-7
##	28	28	4	802
##	29	29	4	1
##	30	30	4	3
##	31	31	4	8
##	32	32	4	14
##	33	33	4	32
##	34	34	4	108
##	35	35	4	464
	36	36	4	547
##		37	5	-5
	38	38	5	1
	39	39	5	3
##		40	5	8
##		41	5	14
##		42	5	30
##		43	5	92
##		44	5	800
##		45	6	-6
##	46	46	6	723

	47	47	6	1
##	48	48	6	3
##	49	49	6	7
##	50	50	6	14
##	51	51	6	31
##	52	52	6	92
##	53	53	6	423
##	54	54	6	542
##	55	55	7	-6
##	56	56	7	3
##	57	57	7	7
##	58	58	7	14
##	59	59	7	30
##	60	60	7	100
##	61	61	7	386
##	62	62	7	546
##	63	63	8	0
##	64	64	8	1
##	65	65	8	3
##	66	66	8	7
##	67	67	8	14
##	68	68	8	30
##	69	69	8	94
##	70	70	9	-4
##	71	71	9	1
##	72	72	9	3
##	73	73	9	7
##	74	74	9	14
##	75	75	9	30
##	76	76	9	126
##	77	77	10	-4
##	78	78	10	849
##	79	79	10	1
##	80	80	10	3
##	81	81	10	7
##	82	82	10	14
##	83	83	10	31
##	84	84	10	91
##		85	10	514
##	86	86	10	582
##	87	87	11	-12
##		88	11	1
##		89	11	3
##		90	11	8
##		91	11	14
##		92	11	30
##		93	11	91
##		94	11	799
##		95	11	1141
##		96	12	-4
##		97	12	1
##		98	12	3
##		99	12	7
	100	100	12	14
ππ	100	100	12	14

##	101	101	12	31
##	102	102	13	0
##	103	103	13	1
##	104	104	13	3
##	105	105	13	7
##	106	106	13	14
##	107	107	13	39
##	108	108	13	126
##	109	109	14	-5
##	110	110	14	1
##	111	111	14	3
##	112	112	14	7
##	113	113	14	14
##	114	114	15	0
##	115	115	15	1
##	116	116	15	3
##	117	117	15	7
##	118	118	15	14
##	119	119	15	31
##	120	120	15	92
##	121	121	16	0
##	122	122	16	771
##	123	123	16	1
##	124	124	16	3
##	125	125	16	7
##	126	126	16	14
##	127	127	16	31
##	128	128	16	92
##	129	129	16	511
##	130	130	16	582
##	131	131	17	-40
##	132	132	17	1
##	133	133	17	3 7
##	134	134	17	14
## ##	135 136	135 136	17 17	38
##	137	137	17	91
	138	138	18	-12
	139	139	18	1
	140	140	18	3
	141	141	18	8
	142	142	18	14
	143	143	18	30
	144	144	18	93
	145	145	18	505
	146	146	19	-34
	147	147	19	1
	148	148	19	3
	149	149	19	7
	150	150	19	14
	151	151	19	30
	152	152	19	120
	153	153	20	0
	154	154	20	1
				-

##	155	155	20	3
##	156	156	20	8
##	157	157	20	14
##	158	158	20	37
##	159	159	20	93
##	160	160	21	0
##	161	161	21	1
##	162	162	21	3
##	163	163	21	8
##	164	164	21	14
##	165	165	21	30
##	166	166	21	93
##	167	167	22	0
##	168	168	22	1
##	169	169	22	3
##	170	170	22	8
##	171	171	22	14
##	172	172	22	30
##	173	173	22	93
##	174	174	23	-26
##	175	175	23	1
##	176	176	23	3
##	177	177	23	7
##	178	178	23	14
##	179	179	23	37
##	180	180	23	115
##	181	181	24	-13
##	182	182	24	734
##	183	183	24	0
##	184	184	24	2
##	185	185	24	6
##	186	186	24	13
##	187	187	24	29
##	188	188	24	94
##	189	189	24	447
##	190	190	24	576
##	191	191	25	-6
##		192	25	758
##	193	193	25	0
##	194	194	25	2
##	195	195	25	6
##	196	196	25	13
##	197	197	25	55
##	198	198	25	112
##	199	199	25	448
	200	200	25	547
	201	201	26	-7
	202	202	26	1
	203	203	26	3
	204	204	26	7
	205	205	26	14
	206	206	26	30
	207	207	26	107
##	208	208	27	-5

	209	209	27	1
##	210	210	27	3
##	211	211	27	7
##	212	212	27	14
##	213	213	27	30
##	214	214	27	108
##	215	215	27	777
##	216	216	28	-4
##	217	217	28	1
##	218	218	28	3
##	219	219	28	7
##	220	220	28	14
##	221	221	28	36
##	222	222	28	163
##	223	223	29	-4
##	224	224	29	1
##	225	225	29	3
##	226	226	29	7
##	227	227	29	18
##	228	228	29	37
##	229	229	29	93
##	230	230	29	774
##	231	231	29	1143
##	232	232	30	-4
##	233	233	30	1
##	234	234	30	3
##	235	235	30	7
##	236	236	30	14
##	237	237	30	32
##	238	238	30	129
##	239	239	30	542
##	240	240	30	743
##	241	241	31	0
##	242	242	31	1
##	243	243	31	3
##	244	244	31	7
##	245	245	31	14
##	246	246	31	31
	247	247	31	428
	248	248	32	-19
	249	249	32	1
	250	250	32	3
	251	251	32	7
	252	252	32	16
	253	253	32	30
	254	254	32	112
	255	255	33	-6
	256	256	33	725
	257	257	33	1022
	258	258	33	1
	259	259	33	3
	260	260	33	7
	261	261	33	15
##	262	262	33	30

	263	263	33	92
##	264	264	33	415
##	265	265	33	543
##	266	266	34	-18
##	267	267	34	1
##	268	268	34	3
##	269	269	34	14
##	270	270	34	30
##	271	271	34	92
##	272	272	34	402
##	273	273	34	578
##	274	274	35	-4
##	275	275	35	1
##	276	276	35	3
##	277	277	35	7
##	278	278	35	14
##	279	279	35	37
##	280	280	35	94
##	281	281	36	-6
##	282	282	36	1
##	283	283	36	3
##	284	284	36	7
##	285	285	36	14
##	286	286	36	30
##	287	287	36	588
##	288	288	37	-20
##	289	289	37	1
##	290	290	37	7
##	291	291	37	30
##	292	292	37	99
##	293	293	38	-5
##	294	294	38	1
##	295	295	38	3
##	296	296	38	7
##	297	297	38	14
##	298	298	38	36
##	299	299	38	106
	300	300	39	-4
	301	301	39	721
	302	302	39	1
	303	303	39	3
	304	304	39	7
	305	305	39	14
	306	306	39	30
	307	307	39	95
	308	308	39	407
	309	309	39	548
	310	310	40	-3
	311	311	40	1
	312	312	40	3
	313	313	40	7
	314	314	40	14
	315	315	40	35
##	316	316	40	94

	317	317	41	-10
	318	318	41	1
	319	319	41	3
	320	320	41	7
	321	321	41	14
##	322	322	41	30
##	323	323	41	92
##	324	324	42	-6
	325	325	42	1
	326	326	42	3
##	327	327	42	7
##	328	328	42	14
##	329	329	42	30
##	330	330	42	107
##	331	331	42	736
##	332	332	43	-6
##	333	333	43	744
	334	334	43	1
##	335	335	43	3
##	336	336	43	7
##	337	337	43	14
	338	338	43	32
##	339	339	43	101
##	340	340	43	396
##	341	341	43	553
##	342	342	44	-5
##	343	343	44	1
##	344	344	44	3
##	345	345	44	7
##	346	346	44	14
##	347	347	44	30
##	348	348	44	100
##	349	349	45	-26
##	350	350	45	1
##	351	351	45	3
##	352	352	45	7
##	353	353	45	14
##	354	354	45	99
	355	355	46	-4
##	356	356	46	1
##	357	357	46	3
##	358	358	46	7
##	359	359	46	14
##	360	360	47	-13
##	361	361	47	1
##	362	362	47	3
##	363	363	47	7
##	364	364	47	14
##	365	365	47	29
##	366	366	47	94
##	367	367	47	375
##	368	368	47	543
##	369	369	48	-63
##	370	370	48	1

	371	371	48	7
##	372	372	48	7
##	373	373	48	14
##	374	374	48	36
##	375	375	48	105
##	376	376	49	-56
##	377	377	49	1
##	378	378	49	7
##	379	379	49	7
##	380	380	49	14
##	381	381	49	31
##	382	382	49	90
##	383	383	49	366
##	384	384	49	549
##	385	385	50	-6
##	386	386	50	1
##	387	387	50	3
##	388	388	50	7
##	389	389	50	15
##	390	390	50	36
##	391	391	50	116
##	392	392	51	-6
##	393	393	51	1
##	394	394	51	3
##	395	395	51	8
##	396	396	51	14
##	397	397	52	-34
##	398	398	52	1
##	399	399	52	3
##	400	400	52	8
##	401	401	52	14
##	402	402	52	31
##	403	403	52	90
##	404	404	52	973
##	405	405	53	-28
##	406	406	53	1
	407	407	53	3
	408	408	53	8
	409	409	53	14
	410	410	53	31
	411	411	53	100
	412	412	54	-36
	413	413	54	1
	414	414	54	7
	415	415	54	7
	416	416	54	14
	417	417	54	42
	418	418	54	94
	419	419	55	-8
	420	420	55	1
	421	421	55	7
	422	422	55	7
	423	423	55	14
##	424	424	55	31

	425	425	55	107
	426	426	55	573
	427	427	56	-18
	428	428	56	1
	429	429	56	3
	430	430	56	8
	431	431	56	14
	432	432	56	29
	433	433	56	116
	434	434	57	-6
##	435	435	57	1
##	436	436	57	4
##	437	437	57	7
##	438	438	57	14
##	439	439	57	30
##	440	440	57	95
##	441	441	58	-5
##	442	442	58	1
##	443	443	58	3
##	444	444	58	7
##	445	445	58	14
##	446	446	58	29
##	447	447	58	92
##	448	448	58	371
##	449	449	58	578
##	450	450	59	-5
##	451	451	59	1
##	452	452	59	3
##	453	453	59	7
##	454	454	59	14
##	455	455	59	29
##	456	456	59	92
##	457	457	59	365
##	458	458	60	-4
##	459	459	60	953
##	460	460	60	1
##	461	461	60	3
##	462	462	60	7
##	463	463	60	14
##	464	464	60	29
##	465	465	60	98
	466	466	60	366
	467	467	60	550
	468	990	61	-4
	469	991	61	1
	470	992	61	3
	471	993	61	7
	472	994	61	14
	473	995	61	30
	474	996	61	91
	475	997	62	0
	476	998	62	1
	477	999	62	3
		1000	62	7
пп	0		~-	'

	479	1001	62	14
	480	1002	62	30
	481	1003	62	101
	482	1004	62	361
	483	1005	63	0
	484	1006	63	1
	485	1007	63	3
	486	1008	63	7
	487	1009	63	14
	488	1010	63	38
##	489	1011	63	121
	490	1012	64	0
	491	1013	64	1
##	492	1014	64	3
	493	1015	64	7
	494	1016	64	14
	495	1017	64	30
	496	1018	64	101
	497	1019	64	358
	498	1020	65 65	0
	499	1021	65 65	1
	500	1022	65 65	3
	501	1023	65 65	7
	502	1024	65 65	14
	503	1025	65 65	37
## ##	504	1026	65 65	98
##	505 506	1027	65 66	359
##	507	1028	66 66	0
##	507	1029	66 66	1
##	509	1030 1031	66 66	7
##	510	1031	66	14
##	510	1032	66	31
	512	1034	66	101
	513	1035	67	0
	514	1036	67	1
##	515	1037	67	3
	516	1038	67	7
	517	1039	67	14
	518	1040	67	30
	519	1041	67	93
	520	1042	67	368
	521	1043	68	0
	522	1044	68	1
	523	1045	68	3
	524	1046	68	7
	525	1047	68	14
	526	1048	68	30
	527	1049	68	93
	528	1050	68	368
	529	1051	69	0
	530	1052	69	1
	531	1053	69	3
	532	1054	69	7

	533	1055	69	14
	534	1056	69	32
##	535	1057	69	91
##	536	1058	69	371
##	537	1059	70	0
##	538	1060	70	1
##	539	1061	70	3
##	540	1062	70	7
	541	1063	70	14
## ##	542 543	1064	70	32
	544	1065	70	93 367
	545	1066	70	924
##	546	1067	70 71	
##	547	1068	71	0
##	548	1069 1070	71 71	1 3
##	549	1070	71	7
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##	129	planned_day_relati		snecimen type	
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	392		Blood	
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## 554	0	Blood	1
## 555	1	Blood	2
## 556	3	Blood	3
## 557	7	Blood	4
## 558	14	Blood	5
300		21004	J

## 559	30	Blood	6
## 560	90	Blood	7
## 561	367	Blood	8
## 562	0	Blood	1
## 563	1	Blood	2
## 564	3	Blood	3
## 565	7	Blood	4
## 566	14	Blood	5
## 567	30	Blood	6
## 568	90	Blood	7
## 569	0	Blood	1
## 570	1	Blood	2
## 571	3	Blood	3
## 572	7	Blood	4
## 573	14	Blood	5
## 574	30	Blood	6
## 575	90	Blood	7
## 576	169	Blood	8
## 577	0	Blood	1
## 578	1	Blood	2
## 579	3	Blood	3
## 580	7	Blood	4
## 581	14	Blood	5
## 582	30	Blood	6
## 583	90	Blood	7
## 584	365	Blood	8
## 585	0	Blood	1
## 586	1	Blood	2
## 587	3	Blood	3
## 588	7	Blood	4
## 589	14	Blood	5
## 590	30	Blood	6
## 591	90	Blood	7
## 592	361	Blood	8
## 593	0	Blood	1
## 594	1	Blood	2
## 595	3	Blood	3
## 596	7	Blood	4
## 597	14	Blood	5
## 598	30	Blood	6
## 599	90	Blood	7
## 600	357	Blood	8
## 601	0	Blood	1
## 602	1	Blood	2
## 603	3	Blood	3
## 604	7	Blood	4
## 605	14	Blood	5
## 606	30	Blood	6
## 607	90	Blood	7
## 608	0	Blood	1
## 609	1	Blood	2
## 610	3	Blood	3
## 611	7	Blood	4
## 612	14	Blood	5
-	- <del>-</del>		-

	0.10			_
	613	30	Blood	6
	614	90	Blood	7
	615	357	Blood	8
	616	0	Blood	1
	617	1	Blood	2
	618	3	Blood	3
##	619	7	Blood	4
	620	14	Blood	5
##	621	30	Blood	6
##	622	90	Blood	7
##	623	0	Blood	1
##	624	1	Blood	2
##	625	3	Blood	3
##	626	7	Blood	4
##	627	14	Blood	5
##	628	30	Blood	6
##	629	90	Blood	7
##	630	0	Blood	1
##	631	1	Blood	2
##	632	3	Blood	3
##	633	7	Blood	4
##	634	14	Blood	5
##	635	30	Blood	6
##	636	0	Blood	1
##	637	1	Blood	2
##	638	3	Blood	3
##	639	7	Blood	4
##	640	14	Blood	5
##	641	30	Blood	6
##	642	90	Blood	7
##	643	0	Blood	1
##	644	1	Blood	2
##	645	3	Blood	3
##	646	7	Blood	4
##	647	14	Blood	5
##	648	30	Blood	6
	649	90	Blood	7
	650	0	Blood	1
##	651	1	Blood	2
##	652	3	Blood	3
##	653	7	Blood	4
##	654	14	Blood	5
##	655	30	Blood	6
##	656	90	Blood	7
##	657	0	Blood	1
##	658	1	Blood	2
##	659	3	Blood	3
##	660	7	Blood	4
##	661	14	Blood	5
##	662	30	Blood	6
##	663	90	Blood	7
##	664	0	Blood	1
##	665	1	Blood	2
##	666	3	Blood	3

##	667	7	Blood	4
##	668	14	Blood	5
##	669	0	Blood	1
##	670	1	Blood	2
##	671	3	Blood	3
##	672	7	Blood	4
##	673	14	Blood	5
##	674	0	Blood	1
##	675	1	Blood	2
##	676	3	Blood	3
##	677	7	Blood	4
##	678	14	Blood	5
##	679	30	Blood	6
##	680	90	Blood	7
##	681	0	Blood	1
##	682	1	Blood	2
##	683	3	Blood	3
##	684	7	Blood	4
##	685	14	Blood	5
##	686	30	Blood	6
##	687	90	Blood	7
##	688	0	Blood	1
##	689	1	Blood	2
##	690	3	Blood	3
##	691	7	Blood	4
##	692	14	Blood	5
##	693	30	Blood	6
##	694	90	Blood	7
##	695	0	Blood	1
##	696	1	Blood	2
##	697	3	Blood	3
##	698	7	Blood	4
##	699	14	Blood	5
##	700	30	Blood	6
##	701	90	Blood	7
##	702	0	Blood	1
##	703	1	Blood	2
		_		_
## ##	704 705	3 7	Blood Blood	3 4
	706	14		5
##			Blood	6
##	707	30	Blood	
##	708	90	Blood	7
##	709	0	Blood	1
##	710	1	Blood	2
##	711	3	Blood	3
##	712	7	Blood	4
##	713	14	Blood	5
##	714	30	Blood	6
##	715	90	Blood	7
##	716	0	Blood	1
##	717	1	Blood	2
##	718	3	Blood	3
##	719	7	Blood	4
##	720	14	Blood	5

```
## 721
                                      30
                                                  Blood
                                                             6
## 722
                                      90
                                                  Blood
                                                             7
## 723
                                       0
                                                  Blood
                                                             1
## 724
                                                  Blood
                                                             2
                                       1
## 725
                                       3
                                                  Blood
                                                             3
## 726
                                       7
                                                  Blood
                                                             4
## 727
                                      14
                                                  Blood
                                                             5
## 728
                                      30
                                                  Blood
                                                             6
## 729
                                      90
                                                  Blood
                                                             7
```

Q9. Complete the code to join specimen and subject tables to make a new merged data frame containing all specimen records along with their associated subject details:

```
library("dplyr")
##
## Attaching package: 'dplyr'
## The following objects are masked from 'package:stats':
##
##
       filter, lag
## The following objects are masked from 'package:base':
##
##
       intersect, setdiff, setequal, union
meta <- inner_join(specimen, subject)</pre>
## Joining, by = "subject_id"
dim(meta)
## [1] 729
            13
head(meta)
##
     specimen_id subject_id actual_day_relative_to_boost
## 1
                1
                                                          -3
## 2
                2
                                                         736
                            1
## 3
                3
                            1
                                                           1
                4
## 4
                            1
                                                           3
## 5
                5
                            1
                                                           7
                6
## 6
                            1
                                                          11
##
     planned_day_relative_to_boost specimen_type visit infancy_vac biological_sex
## 1
                                                                                Female
                                   0
                                              Blood
                                                         1
                                                                    wP
                                 736
                                                                                Female
## 2
                                              Blood
                                                        10
                                                                    wP
## 3
                                   1
                                              Blood
                                                         2
                                                                    wP
                                                                                Female
## 4
                                   3
                                              Blood
                                                         3
                                                                    wΡ
                                                                                Female
## 5
                                   7
                                              Blood
                                                         4
                                                                    wP
                                                                                Female
```

Blood

14

5

wP

Female

## 6

```
ethnicity race year_of_birth date_of_boost
                                                                 study name
## 1 Not Hispanic or Latino White
                                     1986-01-01
                                                   2016-09-12 2020_dataset
## 2 Not Hispanic or Latino White
                                     1986-01-01
                                                   2016-09-12 2020 dataset
                                                   2016-09-12 2020_dataset
## 3 Not Hispanic or Latino White
                                     1986-01-01
                                                   2016-09-12 2020_dataset
## 4 Not Hispanic or Latino White
                                     1986-01-01
## 5 Not Hispanic or Latino White
                                     1986-01-01
                                                   2016-09-12 2020 dataset
## 6 Not Hispanic or Latino White
                                     1986-01-01
                                                   2016-09-12 2020 dataset
```

Q10. Now using the same procedure join meta with titer data so we can further analyze this data in terms of time of visit aP/wP, male/female etc.

```
abdata <- inner_join(titer, meta)

## Joining, by = "specimen_id"

dim(abdata)</pre>
```

## [1] 32675 19

#### abdata

```
##
        specimen_id isotype is_antigen_specific
                                                     antigen
                                                                  ab titer unit
## 1
                   1
                         IgE
                                            FALSE
                                                       Total 1.110212e+03 UG/ML
## 2
                   1
                         IgE
                                            FALSE
                                                       Total 2.708916e+03 IU/ML
## 3
                   1
                         IgG
                                             TRUE
                                                          PT 6.856614e+01 IU/ML
## 4
                   1
                         IgG
                                             TRUE
                                                         PRN 3.321272e+02 IU/ML
## 5
                   1
                         IgG
                                             TRUE
                                                         FHA 1.887123e+03 IU/ML
## 6
                   1
                         IgE
                                             TRUE
                                                         ACT 1.000000e-01 IU/ML
## 7
                         IgE
                                             TRUE
                                                         LOS 2.835065e+01 IU/ML
                   1
## 8
                   1
                         IgE
                                             TRUE
                                                       FELD1 8.522829e+01 IU/ML
## 9
                   1
                         IgE
                                             TRUE
                                                       BETV1 1.222257e+01 IU/ML
## 10
                   1
                         IgE
                                                       LOLP1 1.040046e+01 IU/ML
                                             TRUE
## 11
                                                     Measles 1.000000e-01 IU/ML
                   1
                         IgE
                                             TRUE
## 12
                   1
                         IgE
                                             TRUE
                                                         PTM 1.389711e+00 IU/ML
## 13
                   1
                         IgE
                                             TRUE 1% PFA PT 1.000000e-01 IU/ML
## 14
                   1
                         IgE
                                             TRUE
                                                         PRN 1.181818e+00 IU/ML
                         IgE
                                             TRUE
                                                         FHA 1.000000e-01 IU/ML
## 15
                   1
## 16
                   1
                         IgE
                                             TRUE
                                                      FIM2/3 2.205937e+00 IU/ML
## 17
                   1
                         IgE
                                             TRUE
                                                          TT 7.714505e-01 IU/ML
## 18
                   1
                         IgE
                                             TRUE
                                                          DT 5.230250e-01 IU/ML
## 19
                   1
                         IgE
                                             TRUE
                                                         OVA 1.000000e-01 IU/ML
## 20
                   1
                        IgG1
                                             TRUE
                                                         ACT 2.743551e+02 IU/ML
## 21
                   1
                        IgG1
                                             TRUE
                                                         LOS 1.097403e+01 IU/ML
## 22
                                             TRUE
                                                       FELD1 1.448796e+00 IU/ML
                   1
                        IgG1
## 23
                   1
                        IgG1
                                             TRUE
                                                       BETV1 1.000000e-01 IU/ML
## 24
                   1
                        IgG1
                                             TRUE
                                                       LOLP1 1.000000e-01 IU/ML
## 25
                   1
                        IgG1
                                             TRUE
                                                     Measles 3.627742e+01 IU/ML
                        IgG1
## 26
                   1
                                             TRUE
                                                         PTM 4.399235e+03 IU/ML
## 27
                   1
                        IgG1
                                             TRUE 1% PFA PT 5.763081e+03 IU/ML
## 28
                   1
                        IgG1
                                             TRUE
                                                         PRN 1.975071e+04 IU/ML
## 29
                   1
                                             TRUE
                                                         FHA 3.110699e+04 IU/ML
                        IgG1
                                                      FIM2/3 9.346554e+03 IU/ML
                                             TRUE
## 30
                        IgG1
```

##		1	IgG1	TRUE		1.922115e+04	
##		1	IgG1	TRUE		1.985661e+04	
##		1	IgG1	TRUE		2.189221e+01	
##		1	IgG1	TRUE	PD1	3.236325e+00	IU/ML
##		1	IgG2	TRUE	ACT	5.172855e+01	IU/ML
##	36	1	IgG2	TRUE	LOS	2.208359e+01	IU/ML
##	37	1	IgG2	TRUE		2.386364e-01	
##	38	1	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	39	1	IgG2	TRUE	LOLP1	1.975207e+00	IU/ML
##	40	1	IgG2	TRUE	Measles	1.153409e+00	IU/ML
##	41	1	IgG2	TRUE	PTM	2.916667e-01	IU/ML
##	42	1	IgG2	TRUE	1% PFA PT	5.853413e+00	IU/ML
##	43	1	IgG2	TRUE	PRN	1.420165e+02	IU/ML
##	44	1	IgG2	TRUE	FHA	3.202417e+02	IU/ML
##	45	1	IgG2	TRUE	FIM2/3	4.711670e+00	IU/ML
##	46	1	IgG2	TRUE	TT	9.564220e+00	IU/ML
##	47	1	IgG2	TRUE	DT	6.343150e+02	IU/ML
##	48	1	IgG2	TRUE	OVA	1.297639e+02	IU/ML
##	49	1	IgG2	TRUE	PD1	6.940756e+00	IU/ML
##	50	1	IgG3	TRUE	ACT	2.265316e+00	IU/ML
##	51	1	IgG3	TRUE	LOS	1.690687e+00	IU/ML
##	52	1	IgG3	TRUE	FELD1	1.000000e-01	IU/ML
##	53	1	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	54	1	IgG3	TRUE	LOLP1	4.379371e-01	IU/ML
##	55	1	IgG3	TRUE	Measles	1.296905e+00	IU/ML
##	56	1	IgG3	TRUE	PTM	8.922279e-01	IU/ML
##	57	1	IgG3	TRUE	1% PFA PT	1.078834e+00	IU/ML
##	58	1	IgG3	TRUE	PRN	4.631096e+02	IU/ML
##	59	1	IgG3	TRUE	FHA	4.322221e+00	IU/ML
##	60	1	IgG3	TRUE	FIM2/3	1.000000e-01	IU/ML
##	61	1	IgG3	TRUE	TT	3.369788e+00	IU/ML
##	62	1	IgG3	TRUE	DT	8.917625e+01	IU/ML
##	63	1	IgG3	TRUE	OVA	5.365260e+00	IU/ML
##	64	1	IgG3	TRUE	PD1	1.392344e+00	IU/ML
##	65	1	IgG4	TRUE	ACT	6.269776e+00	IU/ML
##	66	1	IgG4	TRUE	LOS	3.230425e+01	IU/ML
##	67	1	IgG4	TRUE	FELD1	6.181902e+01	IU/ML
##	68	1	IgG4	TRUE		6.913636e+00	
##	69	1	IgG4	TRUE	LOLP1	4.175084e-01	IU/ML
##	70	1	IgG4	TRUE	Measles	2.361111e-01	IU/ML
##	71	1	IgG4	TRUE	PTM	3.813579e+00	IU/ML
##	72	1	IgG4	TRUE	1% PFA PT	4.474682e+00	IU/ML
##	73	1	IgG4	TRUE	PRN	3.751474e+02	IU/ML
##	74	1	IgG4	TRUE		1.450503e+02	
##	75	1	IgG4	TRUE	FIM2/3	1.577042e+01	IU/ML
##	76	1	IgG4	TRUE	TT	7.371952e+02	IU/ML
##	77	1	IgG4	TRUE	DT	1.798595e+03	IU/ML
##	78	1	IgG4	TRUE		5.878750e+03	
##		1	IgG4	TRUE		9.434343e-01	
##		19	IgE	FALSE		1.986377e+02	
##		19	IgE	FALSE		4.846761e+02	
##		19	IgG	TRUE		2.011607e+01	
##		19	IgG	TRUE		9.766742e+02	
##		19	IgG	TRUE		6.076626e+01	
		10	-63	1102			, <del>-</del>

##		19	IgE 	TRUE		1.000000e-01	
##	86	19	IgE -	TRUE		1.922078e+00	
	87	19	IgE	TRUE		3.771163e+00	
##	88	19	IgE	TRUE		8.730408e-01	
##	89	19	IgE	TRUE		8.667047e-01	
##	90	19	IgE	TRUE		1.000000e-01	
##	91	19	IgE	TRUE		6.948555e-01	
##	92	19	IgE			1.000000e-01	
	93	19	IgE	TRUE		1.772727e+00	
##	94	19	IgE	TRUE		1.000000e-01	
##	95	19	IgE	TRUE		1.000000e-01	
##	96	19	IgE	TRUE		7.714505e-01	
##	97	19	IgE	TRUE		1.046050e+00	
##	98	19	IgE	TRUE		1.000000e-01	
##	99	19	IgG1	TRUE	ACT	1.777908e+02	IU/ML
##	100	19	IgG1	TRUE		2.039903e+02	
##	101	19	IgG1	TRUE	FELD1	4.057047e+02	IU/ML
##	102	19	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	103	19	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	104	19	IgG1	TRUE	Measles	3.467893e+01	IU/ML
##	105	19	IgG1	TRUE	PTM	6.500379e+02	IU/ML
##	106	19	IgG1	TRUE	1% PFA PT	1.118952e+03	IU/ML
##	107	19	IgG1	TRUE	PRN	2.871259e+04	IU/ML
##	108	19	IgG1	TRUE	FHA	1.329152e+04	IU/ML
##	109	19	IgG1	TRUE	FIM2/3	2.536914e+03	IU/ML
##	110	19	IgG1	TRUE	TT	1.852888e+04	IU/ML
##	111	19	IgG1	TRUE	DT	1.266570e+04	IU/ML
##	112	19	IgG1	TRUE	AVO	1.111453e+03	IU/ML
##	113	19	IgG1	TRUE	PD1	1.000000e-01	IU/ML
##	114	19	IgG2	TRUE	ACT	5.203463e+00	IU/ML
##	115	19	IgG2	TRUE	LOS	3.099451e+00	IU/ML
##	116	19	IgG2	TRUE	FELD1	1.670455e+00	IU/ML
##	117	19	IgG2	TRUE	BETV1	4.687500e-01	IU/ML
##	118	19	IgG2	TRUE	LOLP1	9.876033e-01	IU/ML
##	119	19	IgG2	TRUE	Measles	2.691288e+00	IU/ML
##	120	19	IgG2	TRUE	PTM	1.020833e+00	IU/ML
##	121	19	IgG2	TRUE	1% PFA PT	3.480408e+00	IU/ML
##	122	19	IgG2	TRUE	PRN	1.256490e+01	IU/ML
##	123	19	IgG2	TRUE		1.864038e+01	
	124	19	IgG2	TRUE	FIM2/3	2.877484e+01	IU/ML
##	125	19	IgG2	TRUE		4.463303e+00	
##	126	19	IgG2	TRUE	DT	1.394441e+03	IU/ML
##	127	19	IgG2	TRUE		3.079618e+00	
##	128	19	IgG2	TRUE		6.015322e+00	
	129	19	IgG3	TRUE		4.530632e+00	
	130	19	IgG3	TRUE		4.733925e+00	
	131	19	IgG3	TRUE		4.100379e-01	
	132	19	IgG3	TRUE		1.000000e-01	
	133	19	IgG3	TRUE		4.379371e-01	
	134	19	IgG3	TRUE		1.296905e+00	
	135	19	IgG3	TRUE		1.784456e-01	
	136	19	IgG3			1.258640e+00	
	137	19	IgG3	TRUE		1.916654e+01	
	138	19	IgG3	TRUE		3.092050e+01	
11 TT	100	10	-640	11001	IIIA	5.002000E:01	TO/1711

	139	19	IgG3	TRUE		1.000000e-01	
	140	19	IgG3	TRUE		2.358852e+00	
	141	19	IgG3	TRUE		1.669379e+01	
	142	19	IgG3	TRUE	OVA	3.219156e+00	IU/ML
##	143	19	IgG3	TRUE	PD1	1.392344e+00	IU/ML
##	144	19	IgG4	TRUE		1.000000e-01	
##	145	19	IgG4	TRUE	LOS	9.528592e+00	IU/ML
##	146	19	IgG4	TRUE	FELD1	1.642424e+01	IU/ML
	147	19	IgG4	TRUE	BETV1	7.681818e-01	IU/ML
##	148	19	IgG4	TRUE	LOLP1	1.000000e-01	IU/ML
##	149	19	IgG4	TRUE	Measles	9.44444e-01	IU/ML
##	150	19	IgG4	TRUE	PTM	1.000000e-01	IU/ML
##	151	19	IgG4	TRUE	1% PFA PT	1.789873e+00	IU/ML
##	152	19	IgG4	TRUE	PRN	2.356521e+01	IU/ML
##	153	19	IgG4	TRUE	FHA	1.533302e+00	IU/ML
##	154	19	IgG4	TRUE	FIM2/3	4.731125e+00	IU/ML
##	155	19	IgG4	TRUE	TT	1.340355e+00	IU/ML
##	156	19	IgG4	TRUE	DT	1.991524e+00	IU/ML
##	157	19	IgG4	TRUE	OVA	1.209988e+02	IU/ML
##	158	19	IgG4	TRUE	PD1	9.434343e-01	IU/ML
##	159	27	IgE	FALSE	Total	4.789490e+02	UG/ML
##	160	27	IgE	FALSE	Total	1.168636e+03	IU/ML
##	161	27	IgG	TRUE	PT	3.755222e+01	IU/ML
##	162	27	IgG	TRUE	PRN	7.236901e+02	IU/ML
##	163	27	IgG	TRUE	FHA	5.809602e+01	IU/ML
##	164	27	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	165	27	IgE	TRUE	LOS	9.610390e-01	IU/ML
##	166	27	IgE	TRUE	FELD1	1.508465e+00	IU/ML
##	167	27	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	168	27	IgE	TRUE	LOLP1	1.000000e-01	IU/ML
##	169	27	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	170	27	IgE	TRUE	PTM	1.389711e+00	IU/ML
##	171	27	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	172	27	IgE	TRUE	PRN	1.772727e+00	IU/ML
##	173	27	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	174	27	IgE	TRUE	FIM2/3	2.205937e+00	IU/ML
##	175	27	IgE	TRUE	TT	7.714505e-01	IU/ML
##	176	27	IgE	TRUE	DT	1.569075e+00	IU/ML
##	177	27	IgE	TRUE	AVO	6.919192e-01	IU/ML
##	178	27	IgG1	TRUE	ACT	9.871552e+02	IU/ML
##	179	27	IgG1	TRUE	LOS	7.147186e+00	IU/ML
##	180	27	IgG1	TRUE	FELD1	1.000000e-01	IU/ML
##	181	27	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	182	27	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	183	27	IgG1	TRUE	Measles	3.308045e+01	IU/ML
##	184	27	IgG1	TRUE	PTM	2.842934e+03	IU/ML
##	185	27	IgG1	TRUE	1% PFA PT	3.055381e+03	IU/ML
##	186	27	IgG1	TRUE		2.353207e+04	
	187	27	IgG1	TRUE		1.310886e+04	
##	188	27	IgG1	TRUE	FIM2/3	2.060944e+04	IU/ML
##	189	27	IgG1	TRUE		2.253586e+04	
##	190	27	IgG1	TRUE		1.681282e+04	
	191	27	IgG1	TRUE		1.901260e+02	
	192	27	IgG1	TRUE		8.923635e-01	
			-				

##	193	27	IgG2	TRUE	ACT	7.315457e+01	IU/ML
##	194	27	IgG2	TRUE	LOS	2.072758e+01	IU/ML
##	195	27	IgG2	TRUE	FELD1	2.147727e+00	IU/ML
##	196	27	IgG2	TRUE	BETV1	4.687500e-01	IU/ML
##	197	27	IgG2	TRUE	LOLP1	1.209814e+01	IU/ML
##	198	27	IgG2	TRUE	Measles	1.537879e+01	IU/ML
##	199	27	IgG2	TRUE	PTM	9.916667e+00	IU/ML
##	200	27	IgG2	TRUE		2.626126e+01	
	201	27	IgG2	TRUE	PRN	1.770660e+03	IU/ML
##	202	27	IgG2	TRUE	FHA	2.937724e+02	IU/ML
##	203	27	IgG2	TRUE	FIM2/3	1.982267e+02	IU/ML
##	204	27	IgG2	TRUE	TT	3.251835e+01	IU/ML
##	205	27	IgG2	TRUE	DT	1.813947e+03	IU/ML
##	206	27	IgG2	TRUE	OVA	2.896241e+02	IU/ML
##	207	27	IgG2	TRUE	PD1	5.506333e+01	IU/ML
##	208	27	IgG3	TRUE		5.501482e+00	
##	209	27	IgG3	TRUE	LOS	3.550443e+00	IU/ML
##	210	27	IgG3	TRUE	FELD1	1.000000e-01	IU/ML
##	211	27	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	212	27	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	213	27	IgG3	TRUE	Measles	1.080754e+00	IU/ML
##	214	27	IgG3	TRUE	PTM	1.249119e+00	IU/ML
##	215	27	IgG3	TRUE	1% PFA PT	1.798056e+00	IU/ML
##	216	27	IgG3	TRUE	PRN	3.849691e+01	IU/ML
##	217	27	IgG3	TRUE	FHA	1.512777e+02	IU/ML
##	218	27	IgG3	TRUE	FIM2/3	2.316501e+02	IU/ML
##	219	27	IgG3	TRUE	TT	2.662133e+01	IU/ML
##	220	27	IgG3	TRUE	DT	1.369747e+01	IU/ML
##	221	27	IgG3	TRUE	OVA	1.073052e+00	IU/ML
##	222	27	IgG3	TRUE	PD1	1.392344e+00	IU/ML
##	223	27	IgG4	TRUE	ACT	1.446871e+00	IU/ML
##	224	27	IgG4	TRUE	LOS	1.394428e+00	IU/ML
##	225	27	IgG4	TRUE	FELD1	1.368687e+00	IU/ML
##	226	27	IgG4	TRUE	BETV1	7.681818e-01	IU/ML
##	227	27	IgG4	TRUE	LOLP1	1.000000e-01	IU/ML
##	228	27	IgG4	TRUE	Measles	1.180556e+00	IU/ML
##	229	27	IgG4	TRUE	PTM	2.581500e+01	IU/ML
##	230	27	IgG4	TRUE	1% PFA PT	2.774303e+01	IU/ML
##	231	27	IgG4	TRUE	PRN	1.048246e+02	IU/ML
##	232	27	IgG4	TRUE	FHA	1.793963e+02	IU/ML
##	233	27	IgG4	TRUE	FIM2/3	7.167654e+02	IU/ML
##	234	27	IgG4	TRUE	TT	3.664531e+02	IU/ML
##	235	27	IgG4	TRUE	DT	9.253117e+02	IU/ML
##	236	27	IgG4	TRUE	OVA	4.532299e+03	IU/ML
##	237	27	IgG4	TRUE	PD1	4.717172e-01	IU/ML
##	238	37	IgE	FALSE	Total	4.537746e+02	UG/ML
##	239	37	IgE	FALSE	Total	1.107210e+03	IU/ML
##	240	37	IgG	TRUE	PT	6.968565e+01	IU/ML
	241	37	IgG	TRUE		6.723680e+02	
	242	37	IgG	TRUE		6.400000e-02	
	243	37	IgE	TRUE		1.000000e-01	
	244	37	IgE	TRUE		1.201299e+00	
	245	37	IgE	TRUE		7.542327e-01	
	246	37	IgE	TRUE		8.730408e-01	
			_				•

	247	37	IgE 	TRUE		3.163472e+01	
	248	37	IgE -	TRUE		1.000000e-01	
	249	37	IgE	TRUE		1.389711e+00	
	250	37	IgE			1.000000e-01	
##	251	37	IgE	TRUE		5.909091e-01	
##	252	37	IgE	TRUE		1.000000e-01	
	253	37	IgE	TRUE		2.205937e+00	
##	254	37	IgE	TRUE		1.285751e+00	
##	255	37	IgE	TRUE		3.661175e+00	
##	256	37	IgE	TRUE		6.919192e-01	
##	257	37	IgG1	TRUE	ACT	3.012583e+03	IU/ML
##	258	37	IgG1	TRUE	LOS	9.060606e+00	IU/ML
##	259	37	IgG1	TRUE	FELD1	7.106534e-01	IU/ML
##	260	37	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	261	37	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	262	37	IgG1	TRUE	Measles	4.773323e+01	IU/ML
##	263	37	IgG1	TRUE	PTM	4.162862e+03	IU/ML
##	264	37	IgG1	TRUE	1% PFA PT	5.858625e+03	IU/ML
##	265	37	IgG1	TRUE	PRN	2.506606e+04	IU/ML
##	266	37	IgG1	TRUE	FHA	2.957480e+04	IU/ML
##	267	37	IgG1	TRUE	FIM2/3	5.886961e+04	IU/ML
##	268	37	IgG1	TRUE	TT	2.068178e+04	IU/ML
##	269	37	IgG1	TRUE	DT	1.870205e+04	IU/ML
##	270	37	IgG1	TRUE	AVO	1.359448e+02	IU/ML
##	271	37	IgG1	TRUE	PD1	2.298741e+00	IU/ML
##	272	37	IgG2	TRUE	ACT	1.091197e+02	IU/ML
##	273	37	IgG2	TRUE	LOS	2.324588e+00	IU/ML
##	274	37	IgG2	TRUE	FELD1	7.159091e-01	IU/ML
##	275	37	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	276	37	IgG2	TRUE	LOLP1	4.938017e-01	IU/ML
##	277	37	IgG2	TRUE	Measles	3.844697e-01	IU/ML
##	278	37	IgG2	TRUE	PTM	2.304167e+01	IU/ML
##	279	37	IgG2	TRUE	1% PFA PT	3.733528e+01	IU/ML
##	280	37	IgG2	TRUE	PRN	1.282943e+02	IU/ML
##	281	37	IgG2	TRUE	FHA	1.720134e+03	IU/ML
##	282	37	IgG2	TRUE	FIM2/3	5.344380e+02	IU/ML
##	283	37	IgG2	TRUE	TT	2.518578e+01	IU/ML
##	284	37	IgG2	TRUE		9.294251e+02	
##	285	37	IgG2	TRUE		6.131239e+01	
##	286	37	IgG2	TRUE	PD1	4.627171e+00	IU/ML
##	287	37	IgG3	TRUE	ACT	3.660104e+02	IU/ML
##	288	37	IgG3	TRUE	LOS	1.487805e+01	IU/ML
##	289	37	IgG3	TRUE		1.230114e+00	
	290	37	IgG3	TRUE		1.949198e+00	
	291	37	IgG3	TRUE		3.941434e+00	
	292	37	IgG3	TRUE		6.052224e+00	
	293	37	IgG3	TRUE		9.457616e+00	
	294	37	IgG3			1.366523e+01	
	295	37	IgG3	TRUE		7.617473e+01	
	296	37	IgG3	TRUE		1.009405e+03	
	297	37	IgG3	TRUE		1.913370e+02	
	298	37	IgG3	TRUE		2.864320e+01	
	299	37	IgG3	TRUE		3.935170e+02	
	300	37	IgG3	TRUE		1.566656e+01	
11 TT		J.	-640	11001	UVA	1.0000006.01	TO/1711

	301	37	IgG3	TRUE		3.712919e+00	
	302	37	IgG4	TRUE		8.440083e+00	
	303	37	IgG4	TRUE	LOS	9.296188e-01	IU/ML
	304	37	IgG4	TRUE		4.562290e-01	
	305	37	IgG4	TRUE	BETV1	1.280303e+00	IU/ML
##	306	37	IgG4	TRUE	LOLP1	2.045791e+01	IU/ML
##	307	37	IgG4	TRUE	Measles	2.361111e-01	IU/ML
##	308	37	IgG4	TRUE	PTM	1.290750e+02	IU/ML
##	309	37	IgG4	TRUE	1% PFA PT	1.888316e+02	IU/ML
##	310	37	IgG4	TRUE	PRN	3.575412e+01	IU/ML
##	311	37	IgG4	TRUE	FHA	4.011423e+03	IU/ML
##	312	37	IgG4	TRUE	FIM2/3	8.634303e+01	IU/ML
##	313	37	IgG4	TRUE	TT	2.061466e+02	IU/ML
##	314	37	IgG4	TRUE	DT	2.741830e+03	IU/ML
##	315	37	IgG4	TRUE	OVA	3.517646e+03	IU/ML
##	316	37	IgG4	TRUE	PD1	4.717172e-01	IU/ML
##	317	45	IgE	FALSE	Total	1.717388e+02	UG/ML
##	318	45	IgE	FALSE	Total	4.190426e+02	IU/ML
##	319	45	IgG	TRUE	PT	3.914130e+00	IU/ML
##	320	45	IgG	TRUE	PRN	1.150877e+01	IU/ML
##	321	45	IgG	TRUE	FHA	2.102043e+01	IU/ML
##	322	45	IgE	TRUE	ACT	3.818693e+01	IU/ML
##	323	45	IgE	TRUE	LOS	2.328838e+03	IU/ML
##	324	45	IgE	TRUE	FELD1	7.126744e+03	IU/ML
##	325	45	IgE	TRUE	BETV1	8.730408e-01	IU/ML
	326	45	IgE	TRUE		3.033467e+01	
	327	45	IgE	TRUE	Measles	1.000000e-01	IU/ML
	328	45	IgE	TRUE		8.685694e+00	
	329	45	IgE	TRUE		6.748088e+00	
	330	45	IgE	TRUE		1.181818e+00	
	331	45	IgE	TRUE		5.616162e-01	
	332	45	IgE	TRUE		3.455968e+01	
	333	45	IgE	TRUE		7.714505e-01	
	334	45	IgE	TRUE		1.359865e+01	
	335	45	IgE	TRUE		6.919192e-01	
##	336	45	IgG1	TRUE		1.446844e+03	
##	337	45	IgG1	TRUE		5.163814e+03	
	338	45	IgG1	TRUE		1.206614e+04	
	339	45	IgG1	TRUE		1.000000e-01	
	340	45	IgG1	TRUE		1.000000e-01	
	341	45	IgG1	TRUE		5.172944e+01	
	342	45	IgG1	TRUE		3.654258e+01	
	343	45	IgG1			6.610509e+01	
	344	45	IgG1	TRUE		2.313942e+02	
	345	45	IgG1	TRUE		6.753478e+03	
	346	45	IgG1	TRUE		5.356165e+03	
	347	45	IgG1	TRUE		1.176957e+04	
	348	45	IgG1	TRUE		3.069861e+03	
	349	45	IgG1	TRUE		3.440104e+02	
	350	45	IgG1	TRUE		1.000000e-01	
	351	45	IgG2	TRUE		2.693557e+01	
	352	45	IgG2	TRUE		7.651769e+01	
	353	45	IgG2	TRUE		1.980682e+02	
	354	45	IgG2	TRUE		1.000000e-01	
π#	UU-T	-10	1842	THUE	1 / 1 ניונים	1.00000000	TO/ LIP

```
## 355
                  45
                         IgG2
                                              TRUE
                                                        LOLP1 9.876033e-01 IU/ML
## 356
                  45
                                                     Measles 1.153409e+00 IU/ML
                        IgG2
                                              TRUE
## 357
                  45
                         IgG2
                                              TRUE
                                                          PTM 1.000000e-01 IU/ML
## 358
                  45
                         IgG2
                                              TRUE 1% PFA PT 1.582003e+00 IU/ML
##
   359
                  45
                         IgG2
                                              TRUE
                                                          PRN 1.983932e+00 IU/ML
  360
                                              TRUE
                                                          FHA 9.059224e+01 IU/ML
##
                  45
                        IgG2
## 361
                  45
                        IgG2
                                              TRUE
                                                       FIM2/3 1.117339e+02 IU/ML
## 362
                  45
                         IgG2
                                              TRUE
                                                           TT 2.104128e+01 IU/ML
## 363
                  45
                        IgG2
                                              TRUE
                                                           DT 1.233637e+03 IU/ML
                  45
                        IgG2
## 364
                                              TRUE
                                                          OVA 1.299039e+02 IU/ML
  365
                  45
                         IgG2
                                              TRUE
                                                          PD1 2.776302e+00 IU/ML
  366
                  45
                         IgG3
                                              TRUE
                                                          ACT 3.041996e+01 IU/ML
##
##
   367
                  45
                         IgG3
                                              TRUE
                                                          LOS 9.805987e+00 IU/ML
  368
                                              TRUE
##
                  45
                         IgG3
                                                        FELD1 2.132197e+01 IU/ML
  369
                  45
                         IgG3
                                              TRUE
                                                        BETV1 4.331551e-01 IU/ML
##
## 370
                  45
                         IgG3
                                              TRUE
                                                        LOLP1 4.379371e-01 IU/ML
## 371
                  45
                                                      Measles 1.296905e+00 IU/ML
                         IgG3
                                              TRUE
## 372
                  45
                         IgG3
                                              TRUE
                                                          PTM 8.922279e-01 IU/ML
## 373
                  45
                                              TRUE 1% PFA PT 7.192226e-01 IU/ML
                         IgG3
## 374
                  45
                         IgG3
                                              TRUE
                                                          PRN 2.080471e+01 IU/ML
## 375
                  45
                        IgG3
                                              TRUE
                                                          FHA 1.812008e+02 IU/ML
## 376
                  45
                         IgG3
                                              TRUE
                                                       FIM2/3 4.011257e+00 IU/ML
## 377
                  45
                         IgG3
                                              TRUE
                                                           TT 3.032809e+00 IU/ML
                        IgG3
## 378
                  45
                                              TRUE
                                                           DT 1.911939e+01 IU/ML
                  45
## 379
                        IgG3
                                              TRUE
                                                          OVA 3.798604e+01 IU/ML
  380
                  45
                         IgG3
                                              TRUE
                                                          PD1 3.712919e+00 IU/ML
  381
                  45
                         IgG4
                                              TRUE
                                                          ACT 2.893743e+00 IU/ML
##
   382
                  45
                        IgG4
                                              TRUE
##
                                                          LOS 9.612258e+02 IU/ML
  383
                  45
                         IgG4
                                              TRUE
                                                        FELD1 2.348895e+03 IU/ML
##
## 384
                  45
                         IgG4
                                              TRUE
                                                        BETV1 7.681818e-01 IU/ML
## 385
                  45
                         IgG4
                                              TRUE
                                                        LOLP1 1.000000e-01 IU/ML
##
  386
                  45
                         IgG4
                                              TRUE
                                                      Measles 1.652778e+00 IU/ML
  387
                  45
##
                         IgG4
                                              TRUE
                                                          PTM 2.053466e+00 IU/ML
  388
                  45
                                              TRUE 1% PFA PT 4.176369e+00 IU/ML
##
                         IgG4
   389
                  45
                         IgG4
                                              TRUE
                                                          PRN 2.708645e+00 IU/ML
##
                        IgG4
                                                          FHA 1.622233e+02 IU/ML
  390
                  45
                                              TRUE
##
## 391
                  45
                         IgG4
                                              TRUE
                                                       FIM2/3 2.720397e+01 IU/ML
## 392
                  45
                         IgG4
                                              TRUE
                                                           TT 7.988516e+02 IU/ML
## 393
                  45
                         IgG4
                                              TRUE
                                                           DT 9.870490e+02 IU/ML
## 394
                  45
                                                          OVA 1.714330e+04 IU/ML
                        IgG4
                                              TRUE
                        IgG4
  395
                  45
                                              TRUE
                                                          PD1 1.415152e+00 IU/ML
  396
                  55
                         IgE
                                             FALSE
                                                        Total 7.103088e+02 UG/ML
##
##
   397
                  55
                         IgE
                                             FALSE
                                                        Total 1.733153e+03 IU/ML
##
  398
                  55
                         IgG
                                              TRUE
                                                           PT 9.139656e+00 IU/ML
## 399
                  55
                                              TRUE
                         IgG
                                                          PRN 1.027682e+02 IU/ML
## 400
                  55
                                              TRUE
                                                          FHA 3.081242e+01 IU/ML
                         IgG
                  55
## 401
                         IgE
                                              TRUE
                                                          ACT 1.000000e-01 IU/ML
                  55
## 402
                         IgE
                                              TRUE
                                                          LOS 9.610390e-01 IU/ML
## 403
                  55
                         IgE
                                              TRUE
                                                        FELD1 7.542327e-01 IU/ML
## 404
                  55
                         IgE
                                              TRUE
                                                        BETV1 1.000000e-01 IU/ML
## 405
                  55
                                                        LOLP1 1.000000e-01 IU/ML
                         IgE
                                              TRUE
## 406
                  55
                         IgE
                                              TRUE
                                                     Measles 1.000000e-01 IU/ML
                                                          PTM 6.948555e-01 IU/ML
## 407
                  55
                         IgE
                                              TRUF.
## 408
                  55
                         IgE
                                              TRUE 1% PFA PT 1.000000e-01 IU/ML
```

шш	100		TP	TOTTE	DDM	1 770707 - 100	TII /MI
	409	55	IgE	TRUE		1.772727e+00	
	410	55	IgE	TRUE		1.000000e-01	
	411	55	IgE	TRUE		7.353123e-01	
	412	55	IgE 	TRUE		7.714505e-01	
	413	55	IgE	TRUE		5.230250e-01	
	414	55	IgE	TRUE		1.000000e-01	
	415	55	IgG1	TRUE		1.707973e+02	
	416	55	IgG1	TRUE	LOS	2.841991e+00	IU/ML
##	417	55	IgG1	TRUE		1.000000e-01	
##	418	55	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
	419	55	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	420	55	IgG1	TRUE	Measles	4.347060e+01	IU/ML
##	421	55	IgG1	TRUE	PTM	9.832187e+01	IU/ML
##	422	55	IgG1	TRUE	1% PFA PT	1.776174e+02	IU/ML
##	423	55	IgG1	TRUE	PRN	8.807920e+03	IU/ML
##	424	55	IgG1	TRUE	FHA	7.254892e+03	IU/ML
##	425	55	IgG1	TRUE	FIM2/3	2.225953e+03	IU/ML
##	426	55	IgG1	TRUE	TT	1.377864e+04	IU/ML
##	427	55	IgG1	TRUE	DT	5.450906e+03	IU/ML
##	428	55	IgG1	TRUE	AVO	1.000000e-01	IU/ML
##	429	55	IgG1	TRUE	PD1	1.000000e-01	IU/ML
##	430	55	IgG2	TRUE	ACT	1.776830e+02	IU/ML
##	431	55	IgG2	TRUE	LOS	1.917785e+01	IU/ML
##	432	55	IgG2	TRUE	FELD1	9.545455e-01	IU/ML
##	433	55	IgG2	TRUE		1.000000e-01	
##	434	55	IgG2	TRUE		9.876033e-01	
##	435	55	IgG2	TRUE		4.613636e+00	
##	436	55	IgG2	TRUE	PTM	2.479167e+00	IU/ML
##	437	55	IgG2	TRUE	1% PFA PT	1.044122e+01	IU/ML
##	438	55	IgG2	TRUE		4.992896e+01	
##	439	55	IgG2	TRUE		6.606150e+02	
##	440	55	IgG2	TRUE		3.086144e+02	
##	441	55	IgG2	TRUE		2.693922e+01	
##	442	55	IgG2	TRUE		1.586596e+03	
	443	55	IgG2	TRUE		1.119861e+00	
	444	55	IgG2	TRUE		6.015322e+00	
	445	55	IgG3	TRUE		2.431979e+02	
	446	55	IgG3	TRUE		2.366962e+00	
	447	55	IgG3	TRUE		4.100379e-01	
	448	55	IgG3	TRUE		1.000000e-01	
	449	55	IgG3	TRUE		1.000000e-01	
	450	55	IgG3	TRUE		4.323017e-01	
	451	55	IgG3	TRUE		8.922279e-01	
	452	55	IgG3			1.078834e+00	
	453	55	IgG3	TRUE		2.784883e+00	
	454	55	IgG3	TRUE		2.194358e+01	
	455	55	IgG3	TRUE		1.000000e-01	
	456	55	IgG3	TRUE		2.695830e+00	
	457	55	IgG3	TRUE		1.284138e+01	
	458	55	IgG3	TRUE		2.146104e-01	
	459	55	IgG3	TRUE		1.856459e+00	
	460	55	IgG4	TRUE		5.546340e+00	
	461	55	IgG4	TRUE		3.253666e+00	
	462	55	IgG4	TRUE		1.824916e+00	
π#	<b>402</b>	55	1841	110015	LELUI	1.0249106:00	TO/ LIP

```
## 463
                  55
                        IgG4
                                              TRUE
                                                        BETV1 2.304545e+00 IU/ML
## 464
                  55
                                              TRUE
                                                        LOLP1 2.087542e+00 IU/ML
                        IgG4
## 465
                  55
                        IgG4
                                              TRUE
                                                     Measles 1.416667e+00 IU/ML
## 466
                  55
                        IgG4
                                              TRUE
                                                          PTM 4.106932e+00 IU/ML
##
  467
                  55
                        IgG4
                                              TRUE 1% PFA PT 3.579745e+00 IU/ML
                        IgG4
                                                          PRN 1.766037e+02 IU/ML
##
  468
                  55
                                              TRUE
## 469
                        IgG4
                  55
                                              TRUE
                                                          FHA 7.973168e+01 IU/ML
## 470
                  55
                        IgG4
                                              TRUE
                                                      FIM2/3 1.813598e+01 IU/ML
## 471
                  55
                        IgG4
                                              TRUE
                                                           TT 1.814036e+03 IU/ML
                  55
                        IgG4
## 472
                                              TRUE
                                                           DT 1.059540e+04 IU/ML
## 473
                  55
                        IgG4
                                              TRUE
                                                          OVA 5.914290e+02 IU/ML
                  55
## 474
                        IgG4
                                              TRUE
                                                          PD1 2.358586e+00 IU/ML
                  70
## 475
                         IgE
                                             FALSE
                                                        Total 1.352174e+03 UG/ML
                  70
## 476
                         IgE
                                             FALSE
                                                        Total 3.299304e+03 IU/ML
## 477
                  70
                                              TRUE
                                                           PT 4.051410e+00 IU/ML
                         IgG
## 478
                  70
                         IgG
                                              TRUE
                                                          PRN 1.983310e+01 IU/ML
                  70
                                              TRUE
## 479
                         IgG
                                                          FHA 2.083516e+01 IU/ML
                  70
## 480
                         IgE
                                              TRUE
                                                          ACT 5.920455e-01 IU/ML
## 481
                  70
                                              TRUE
                                                          LOS 1.441558e+00 IU/ML
                         IgE
## 482
                  70
                         IgE
                                              TRUE
                                                        FELD1 7.542327e-01 IU/ML
##
  483
                  70
                         IgE
                                              TRUE
                                                        BETV1 1.000000e-01 IU/ML
## 484
                  70
                         IgE
                                              TRUE
                                                        LOLP1 1.000000e-01 IU/ML
## 485
                  70
                                              TRUE
                                                     Measles 1.000000e-01 IU/ML
                         IgE
## 486
                  70
                         IgE
                                                          PTM 6.948555e-01 IU/ML
                                              TRUE
                  70
## 487
                         IgE
                                              TRUE 1% PFA PT 1.499575e+00 IU/ML
## 488
                  70
                         IgE
                                              TRUE
                                                          PRN 1.772727e+00 IU/ML
## 489
                  70
                         IgE
                                              TRUE
                                                          FHA 1.123232e+00 IU/ML
                  70
                                              TRUE
                                                      FIM2/3 1.470625e+00 IU/ML
##
  490
                         IgE
                  70
                                              TRUE
                         IgE
                                                           TT 2.314351e+00 IU/ML
## 491
                  70
## 492
                         IgE
                                              TRUE
                                                           DT 1.673680e+01 IU/ML
## 493
                  70
                         IgE
                                              TRUE
                                                          OVA 1.000000e-01 IU/ML
## 494
                  70
                        IgG1
                                              TRUE
                                                          ACT 7.461481e+02 IU/ML
                  70
## 495
                        IgG1
                                              TRUE
                                                          LOS 1.885281e+00 IU/ML
                  70
                        IgG1
                                              TRUE
                                                        FELD1 1.000000e-01 IU/ML
## 496
  497
                  70
                        IgG1
                                              TRUE
                                                        BETV1 1.000000e-01 IU/ML
##
                        IgG1
                  70
                                                       LOLP1 3.335375e+01 IU/ML
## 498
                                              TRUE
## 499
                  70
                        IgG1
                                              TRUE
                                                     Measles 2.055898e+01 IU/ML
## 500
                  70
                        IgG1
                                              TRUE
                                                          PTM 1.000000e-01 IU/ML
## 501
                  70
                        IgG1
                                              TRUE 1% PFA PT 6.348434e-01 IU/ML
                  70
## 502
                        IgG1
                                                          PRN 4.890934e+02 IU/ML
                                              TRUE
## 503
                  70
                        IgG1
                                              TRUE
                                                          FHA 4.337480e+03 IU/ML
## 504
                  70
                        IgG1
                                              TRUE
                                                      FIM2/3 4.543686e+03 IU/ML
                  70
                        IgG1
##
  505
                                              TRUE
                                                           TT 7.389436e+03 IU/ML
                  70
                        IgG1
##
  506
                                              TRUE
                                                           DT 7.251752e+03 IU/ML
## 507
                  70
                                              TRUE
                                                          OVA 1.545974e+01 IU/ML
                        IgG1
                  70
## 508
                        IgG1
                                              TRUE
                                                          PD1 1.000000e-01 IU/ML
                  70
## 509
                        IgG2
                                              TRUE
                                                          ACT 1.045284e+02 IU/ML
## 510
                  70
                        IgG2
                                              TRUE
                                                          LOS 6.586333e+00 IU/ML
## 511
                  70
                        IgG2
                                              TRUE
                                                        FELD1 2.386364e-01 IU/ML
                  70
## 512
                        IgG2
                                              TRUE
                                                        BETV1 1.875000e+00 IU/ML
## 513
                  70
                        IgG2
                                              TRUE
                                                        LOLP1 3.456612e+00 IU/ML
                  70
## 514
                        IgG2
                                              TRUE
                                                     Measles 1.153409e+00 IU/ML
## 515
                  70
                        IgG2
                                              TRUF.
                                                          PTM 1.458333e+00 IU/ML
## 516
                  70
                        IgG2
                                              TRUE 1% PFA PT 2.847606e+00 IU/ML
```

	517	70	IgG2	TRUE		1.653277e+01	
	518	70	IgG2	TRUE		1.700003e+02	
	519	70	IgG2	TRUE		9.541132e+01	
	520	70	IgG2	TRUE	TT	6.567431e+01	IU/ML
	521	70	IgG2	TRUE		2.410437e+03	
	522	70	IgG2	TRUE	OVA	4.899392e+01	IU/ML
	523	70	IgG2	TRUE	PD1	9.948417e+00	IU/ML
	524	70	IgG3	TRUE	ACT	1.165020e+01	IU/ML
##	525	70	IgG3	TRUE	LOS	2.366962e+00	IU/ML
##	526	70	IgG3	TRUE	FELD1	4.100379e-01	IU/ML
##	527	70	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	528	70	IgG3	TRUE	LOLP1	1.392640e+02	IU/ML
##	529	70	IgG3	TRUE	Measles	1.296905e+00	IU/ML
##	530	70	IgG3	TRUE	PTM	5.353368e-01	IU/ML
##	531	70	IgG3	TRUE	1% PFA PT	7.192226e-01	IU/ML
##	532	70	IgG3	TRUE	PRN	7.535565e+01	IU/ML
##	533	70	IgG3	TRUE	FHA	8.976920e+00	IU/ML
##	534	70	IgG3	TRUE	FIM2/3	6.638631e+02	IU/ML
##	535	70	IgG3	TRUE	TT	2.021873e+00	IU/ML
##	536	70	IgG3	TRUE	DT	1.829183e+02	IU/ML
##	537	70	IgG3	TRUE	OVA	7.511364e+00	IU/ML
##	538	70	IgG3	TRUE	PD1	9.282297e-01	IU/ML
##	539	70	IgG4	TRUE	ACT	2.363223e+01	IU/ML
##	540	70	IgG4	TRUE	LOS	5.577713e+00	IU/ML
##	541	70	IgG4	TRUE	FELD1	5.930976e+00	IU/ML
##	542	70	IgG4	TRUE	BETV1	4.865152e+00	IU/ML
##	543	70	IgG4	TRUE	LOLP1	3.757576e+00	IU/ML
##	544	70	IgG4	TRUE	Measles	5.666667e+00	IU/ML
##	545	70	IgG4	TRUE	PTM	2.962858e+01	IU/ML
##	546	70	IgG4	TRUE	1% PFA PT	3.520083e+01	IU/ML
##	547	70	IgG4	TRUE	PRN	4.921608e+02	IU/ML
##	548	70	IgG4	TRUE	FHA	2.160422e+03	IU/ML
##	549	70	IgG4	TRUE	FIM2/3	9.619954e+01	IU/ML
##	550	70	IgG4	TRUE	TT	5.260357e+03	IU/ML
##	551	70	IgG4	TRUE	DT	1.140745e+04	IU/ML
##	552	70	IgG4	TRUE	OVA	7.445223e+03	IU/ML
##	553	70	IgG4	TRUE	PD1	3.537879e+00	IU/ML
##	554	77	IgE	FALSE	Total	3.770175e+02	UG/ML
##	555	77	IgE	FALSE	Total	9.199227e+02	IU/ML
##	556	77	IgG	TRUE	PT	5.360000e-01	IU/ML
##	557	77	IgG	TRUE	PRN	8.517523e+00	IU/ML
##	558	77	IgG	TRUE	FHA	5.802152e+00	IU/ML
##	559	77	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	560	77	IgE	TRUE	LOS	9.610390e-01	IU/ML
##	561	77	IgE	TRUE	FELD1	7.542327e-01	IU/ML
##	562	77	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	563	77	IgE	TRUE	LOLP1	1.300057e+00	IU/ML
	564	77	IgE	TRUE		1.000000e-01	
	565	77	IgE	TRUE		1.000000e-01	
	566	77	IgE			1.000000e-01	
	567	77	IgE	TRUE		5.909091e-01	
	568	77	IgE	TRUE		1.000000e-01	
	569	77	IgE	TRUE		1.000000e-01	
	570	77	IgE	TRUE		1.000000e-01	
			<b>5</b>				•

##	571	77	IgE	TRUE	DT	1.046050e+00	IU/ML
##	572	77	IgE	TRUE	AVO	1.000000e-01	IU/ML
##	573	77	IgG1	TRUE	ACT	1.054349e+02	IU/ML
##	574	77	IgG1	TRUE	LOS	2.124459e+00	IU/ML
##	575	77	IgG1	TRUE	FELD1	1.000000e-01	IU/ML
##	576	77	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	577	77	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	578	77	IgG1	TRUE	Measles	1.070166e+01	IU/ML
##	579	77	IgG1	TRUE	PTM	1.000000e-01	IU/ML
##	580	77	IgG1	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	581	77	IgG1	TRUE	PRN	2.966815e+02	IU/ML
##	582	77	IgG1	TRUE	FHA	4.917533e+02	IU/ML
##	583	77	IgG1	TRUE	FIM2/3	5.565381e+02	IU/ML
##	584	77	IgG1	TRUE	TT	1.782393e+04	IU/ML
##	585	77	IgG1	TRUE	DT	6.983416e+03	IU/ML
##	586	77	IgG1	TRUE	AVO	2.100000e+00	IU/ML
##	587	77	IgG1	TRUE	PD1	1.000000e-01	IU/ML
##	588	77	IgG2	TRUE	ACT	7.529717e+01	IU/ML
##	589	77	IgG2	TRUE	LOS	1.937157e+00	IU/ML
##	590	77	IgG2	TRUE	FELD1	1.000000e-01	IU/ML
##	591	77	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	592	77	IgG2	TRUE	LOLP1	1.000000e-01	IU/ML
##	593	77	IgG2	TRUE	Measles	3.844697e-01	IU/ML
##	594	77	IgG2	TRUE	PTM	5.833333e-01	IU/ML
##	595	77	IgG2	TRUE		1.898404e+00	
##	596	77	IgG2	TRUE	PRN	5.951797e+00	IU/ML
##	597	77	IgG2	TRUE	FHA	5.815798e+01	IU/ML
##	598	77	IgG2	TRUE	FIM2/3	1.632257e+01	IU/ML
##	599	77	IgG2	TRUE	TT	8.607798e+00	IU/ML
##	600	77	IgG2	TRUE	DT	2.418933e+03	IU/ML
##	601	77	IgG2	TRUE	OVA	2.155732e+01	IU/ML
##	602	77	IgG2	TRUE	PD1	1.295608e+01	IU/ML
##	603	77	IgG3	TRUE	ACT	4.109931e+01	IU/ML
##	604	77	IgG3	TRUE	LOS	5.748337e+00	IU/ML
##	605	77	IgG3	TRUE	FELD1	2.460227e+00	IU/ML
##	606	77	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	607	77	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	608	77	IgG3	TRUE		6.484526e+00	
##	609	77	IgG3	TRUE	PTM	3.212021e+00	IU/ML
##	610	77	IgG3	TRUE	1% PFA PT	1.798056e+00	IU/ML
	611	77	IgG3	TRUE		4.095416e+00	
	612	77	IgG3	TRUE		6.400212e+01	
##	613	77	IgG3	TRUE	FIM2/3	4.412383e+00	IU/ML
	614	77	IgG3	TRUE		7.750513e+00	
##	615	77	IgG3	TRUE		1.245471e+03	
	616	77	IgG3	TRUE		3.648377e+00	
	617	77	IgG3	TRUE		3.712919e+00	
	618	77	IgG4	TRUE		1.929162e+00	
	619	77	IgG4	TRUE		2.324047e+00	
	620	77	IgG4	TRUE		1.824916e+00	
	621	77	IgG4	TRUE		2.816667e+00	
	622	77	IgG4	TRUE		8.350168e-01	
	623	77	IgG4	TRUE		2.833333e+00	
	624	77	IgG4	TRUE		1.173409e+00	
		• •	-0			0 _ 0 0 0 . 0 0	,

	205		T 04		40/ DEA DE	4 700070 .00	TTT /24T
	625	77	IgG4			1.789873e+00	
	626	77	IgG4	TRUE		1.896052e+00	
	627	77	IgG4	TRUE		3.986584e+00	
	628	77	IgG4	TRUE		9.856510e+00	
	629	77	IgG4	TRUE		2.600289e+01	
	630	77	IgG4	TRUE		2.277805e+02	
	631	77	IgG4	TRUE		3.740381e+03	
	632	77	IgG4	TRUE		1.00000e-01	
	633	3	IgE	FALSE		1.233485e+03	
	634	3	IgE	FALSE		3.009703e+03	
	635	3	IgG	TRUE		4.138442e+01	
	636	3	${\tt IgG}$	TRUE		1.748976e+02	
	637	3	${\tt IgG}$	TRUE		2.460096e+02	
	638	3	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	639	3	IgE	TRUE	LOS	3.003247e+01	IU/ML
##	640	3	IgE	TRUE		9.465620e+01	
	641	3	IgE	TRUE	BETV1	9.603448e+00	IU/ML
##	642	3	IgE	TRUE	LOLP1	8.667047e+00	IU/ML
##	643	3	IgE	TRUE	Measles	1.000000e-01	IU/ML
	644	3	IgE	TRUE	PTM	6.948555e-01	IU/ML
##	645	3	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	646	3	IgE	TRUE	PRN	1.181818e+00	IU/ML
##	647	3	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	648	3	IgE	TRUE	FIM2/3	2.941249e+00	IU/ML
##	649	3	IgE	TRUE	TT	7.714505e-01	IU/ML
##	650	3	IgE	TRUE	DT	1.046050e+00	IU/ML
##	651	3	IgE	TRUE	AVO	1.000000e-01	IU/ML
##	652	3	IgG1	TRUE	ACT	3.410624e+02	IU/ML
##	653	3	IgG1	TRUE	LOS	1.264827e+01	IU/ML
##	654	3	IgG1	TRUE	FELD1	2.432985e+00	IU/ML
##	655	3	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	656	3	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	657	3	IgG1	TRUE		3.974080e+01	
##	658	3	IgG1	TRUE	PTM	5.180341e+03	IU/ML
##	659	3	IgG1	TRUE		6.509336e+03	
##	660	3	IgG1	TRUE		2.045640e+04	
##	661	3	IgG1	TRUE		3.195665e+04	
	662	3	IgG1	TRUE		1.093516e+04	
##	663	3	IgG1	TRUE		1.997785e+04	
	664	3	IgG1	TRUE		2.022448e+04	
	665	3	IgG1	TRUE		2.585065e+01	
##	666	3	IgG1	TRUE		2.767533e+00	
	667	3	IgG2	TRUE		1.181492e+02	
##	668	3	IgG2	TRUE		3.409396e+01	
##	669	3	IgG2	TRUE		1.670455e+00	
##	670	3	IgG2	TRUE		1.000000e-01	
##	671	3	IgG2	TRUE		1.975207e+00	
##	672	3	IgG2	TRUE		2.306818e+00	
##	673	3	IgG2	TRUE		8.750000e-01	
##	674	3	IgG2			7.751817e+00	
##	675	3	IgG2	TRUE		1.914495e+02	
	676	3	IgG2	TRUE		3.575225e+02	
	677	3	IgG2	TRUE		5.048218e+00	
	678	3	IgG2	TRUE		1.737500e+01	
##	010	J	1802	INUL	11	1.1313006+01	TO/ NT

```
## 679
                   3
                        IgG2
                                              TRUE
                                                           DT 8.106934e+02 IU/ML
## 680
                   3
                        IgG2
                                              TRUE
                                                          OVA 2.220124e+02 IU/ML
## 681
                   3
                        IgG2
                                              TRUE
                                                          PD1 8.791624e+00 IU/ML
## 682
                   3
                        IgG3
                                              TRUE
                                                          ACT 1.941700e+00 IU/ML
##
   683
                   3
                        IgG3
                                              TRUE
                                                          LOS 1.014412e+00 IU/ML
  684
                   3
                        IgG3
                                              TRUE
                                                        FELD1 1.000000e-01 IU/ML
##
## 685
                   3
                        IgG3
                                              TRUE
                                                        BETV1 1.000000e-01 IU/ML
                   3
                                              TRUE
## 686
                        IgG3
                                                        LOLP1 1.000000e-01 IU/ML
## 687
                   3
                        IgG3
                                              TRUE
                                                      Measles 1.080754e+00 IU/ML
## 688
                   3
                        IgG3
                                              TRUE
                                                          PTM 1.249119e+00 IU/ML
## 689
                   3
                        IgG3
                                              TRUE 1% PFA PT 3.596113e-01 IU/ML
                   3
                        IgG3
## 690
                                              TRUE
                                                          PRN 4.167495e+02 IU/ML
                   3
                        IgG3
##
   691
                                              TRUE
                                                          FHA 6.317092e+00 IU/ML
   692
                   3
                        IgG3
                                              TRUE
                                                      FIM2/3 2.005629e-01 IU/ML
##
## 693
                   3
                        IgG3
                                              TRUE
                                                           TT 3.706767e+00 IU/ML
## 694
                   3
                        IgG3
                                              TRUE
                                                           DT 8.289825e+01 IU/ML
## 695
                   3
                        IgG3
                                              TRUE
                                                          OVA 6.223701e+00 IU/ML
                   3
## 696
                        IgG3
                                              TRUE
                                                          PD1 9.282297e-01 IU/ML
## 697
                   3
                        IgG4
                                              TRUE
                                                          ACT 3.858323e+00 IU/ML
                   3
## 698
                        IgG4
                                              TRUE
                                                          LOS 2.347287e+01 IU/ML
##
  699
                   3
                        IgG4
                                              TRUE
                                                        FELD1 4.083249e+01 IU/ML
## 700
                   3
                        IgG4
                                              TRUE
                                                        BETV1 3.840909e+00 IU/ML
## 701
                   3
                        IgG4
                                              TRUE
                                                        LOLP1 6.262626e-01 IU/ML
  702
                   3
                        IgG4
                                              TRUE
                                                      Measles 7.083333e-01 IU/ML
##
## 703
                   3
                        IgG4
                                              TRUE
                                                          PTM 3.520227e+00 IU/ML
## 704
                   3
                        IgG4
                                              TRUE 1% PFA PT 4.176369e+00 IU/ML
## 705
                   3
                        IgG4
                                              TRUE
                                                          PRN 2.708645e+02 IU/ML
  706
                   3
                        IgG4
                                              TRUE
##
                                                          FHA 1.137710e+02 IU/ML
                   3
## 707
                        IgG4
                                              TRUE
                                                      FIM2/3 1.419337e+01 IU/ML
## 708
                   3
                        IgG4
                                              TRUE
                                                           TT 5.900243e+02 IU/ML
## 709
                   3
                        IgG4
                                              TRUE
                                                           DT 1.688314e+03 IU/ML
## 710
                   3
                        IgG4
                                              TRUE
                                                          OVA 4.113958e+03 IU/ML
## 711
                   3
                        IgG4
                                              TRUE
                                                          PD1 1.000000e-01 IU/ML
## 712
                  20
                                             FALSE
                                                        Total 4.277080e+02 UG/ML
                         IgE
## 713
                  20
                         IgE
                                             FALSE
                                                        Total 1.043607e+03 IU/ML
## 714
                  20
                                              TRUE
                                                           PT 1.307630e+01 IU/ML
                         IgG
## 715
                  20
                         IgG
                                              TRUE
                                                          PRN 6.753248e+02 IU/ML
## 716
                  20
                         IgG
                                              TRUE
                                                          FHA 4.159133e+01 IU/ML
## 717
                  20
                         IgE
                                              TRUE
                                                          ACT 1.000000e-01 IU/ML
## 718
                  20
                         IgE
                                              TRUE
                                                          LOS 1.922078e+00 IU/ML
## 719
                  20
                         IgE
                                              TRUE
                                                        FELD1 3.016931e+00 IU/ML
## 720
                  20
                         IgE
                                              TRUE
                                                        BETV1 8.730408e-01 IU/ML
                  20
                                                        LOLP1 8.667047e-01 IU/ML
##
  721
                         IgE
                                              TRUE
                                                      Measles 1.000000e-01 IU/ML
## 722
                  20
                         IgE
                                              TRUE
## 723
                  20
                                                          PTM 1.000000e-01 IU/ML
                         IgE
                                              TRUE
## 724
                  20
                         IgE
                                              TRUE 1% PFA PT 1.000000e-01 IU/ML
                  20
## 725
                         IgE
                                              TRUE
                                                          PRN 1.181818e+00 IU/ML
## 726
                  20
                         IgE
                                              TRUE
                                                          FHA 1.000000e-01 IU/ML
                         IgE
## 727
                  20
                                              TRUE
                                                      FIM2/3 1.470625e+00 IU/ML
## 728
                                              TRUE
                  20
                         IgE
                                                           TT 1.000000e-01 IU/ML
## 729
                  20
                         IgE
                                              TRUE
                                                           DT 1.000000e-01 IU/ML
## 730
                  20
                         IgE
                                              TRUE
                                                          OVA 1.000000e-01 IU/ML
## 731
                  20
                        IgG1
                                              TRUE
                                                          ACT 2.552574e+02 IU/ML
## 732
                  20
                        IgG1
                                              TRUE
                                                          LOS 2.776569e+02 IU/ML
```

```
## 733
                  20
                        IgG1
                                              TRUE
                                                        FELD1 5.437373e+02 IU/ML
## 734
                  20
                        IgG1
                                              TRUE
                                                        BETV1 1.000000e-01 IU/ML
                                                        LOLP1 1.000000e-01 IU/ML
## 735
                  20
                        IgG1
                                              TRUE
## 736
                  20
                        IgG1
                                              TRUE
                                                     Measles 4.107287e+01 IU/ML
##
  737
                  20
                        IgG1
                                              TRUE
                                                          PTM 8.810387e+02 IU/ML
## 738
                  20
                        IgG1
                                              TRUE 1% PFA PT 1.443908e+03 IU/ML
## 739
                  20
                                                          PRN 2.951090e+04 IU/ML
                        IgG1
                                              TRUE
                  20
                                              TRUE
## 740
                        IgG1
                                                          FHA 1.449202e+04 IU/ML
## 741
                  20
                        IgG1
                                              TRUE
                                                      FIM2/3 3.062050e+03 IU/ML
                  20
                        IgG1
## 742
                                              TRUE
                                                           TT 1.941470e+04 IU/ML
## 743
                  20
                        IgG1
                                              TRUE
                                                           DT 1.378549e+04 IU/ML
                  20
                                              TRUE
## 744
                        IgG1
                                                          OVA 1.302695e+03 IU/ML
##
  745
                  20
                        IgG1
                                              TRUE
                                                          PD1 1.000000e-01 IU/ML
                  20
                        IgG2
                                              TRUE
                                                          ACT 5.815635e+00 IU/ML
## 746
## 747
                  20
                        IgG2
                                              TRUE
                                                          LOS 3.486882e+00 IU/ML
## 748
                  20
                        IgG2
                                              TRUE
                                                        FELD1 2.147727e+00 IU/ML
## 749
                  20
                        IgG2
                                              TRUE
                                                        BETV1 1.000000e-01 IU/ML
## 750
                  20
                        IgG2
                                              TRUE
                                                        LOLP1 9.876033e-01 IU/ML
## 751
                  20
                        IgG2
                                              TRUE
                                                     Measles 2.691288e+00 IU/ML
## 752
                  20
                        IgG2
                                              TRUE
                                                          PTM 5.833333e-01 IU/ML
## 753
                  20
                        IgG2
                                              TRUE 1% PFA PT 5.062411e+00 IU/ML
## 754
                  20
                        IgG2
                                                          PRN 1.256490e+01 IU/ML
                                              TRUE
## 755
                  20
                        IgG2
                                              TRUE
                                                          FHA 1.864038e+01 IU/ML
## 756
                  20
                        IgG2
                                              TRUE
                                                      FIM2/3 2.591418e+01 IU/ML
                  20
## 757
                        IgG2
                                              TRUE
                                                           TT 3.985092e+00 IU/ML
## 758
                  20
                        IgG2
                                              TRUE
                                                           DT 1.532793e+03 IU/ML
## 759
                  20
                        IgG2
                                              TRUE
                                                          OVA 2.799653e+00 IU/ML
  760
                  20
                        IgG2
                                              TRUE
                                                          PD1 6.940756e+00 IU/ML
##
## 761
                  20
                        IgG3
                                              TRUE
                                                          ACT 4.854249e+00 IU/ML
                  20
## 762
                        IgG3
                                              TRUE
                                                          LOS 4.564856e+00 IU/ML
## 763
                  20
                        IgG3
                                              TRUE
                                                        FELD1 1.000000e-01 IU/ML
## 764
                  20
                        IgG3
                                              TRUE
                                                        BETV1 1.000000e-01 IU/ML
## 765
                  20
                        IgG3
                                              TRUE
                                                        LOLP1 8.758741e-01 IU/ML
## 766
                  20
                        IgG3
                                              TRUE
                                                     Measles 1.296905e+00 IU/ML
##
  767
                  20
                        IgG3
                                              TRUE
                                                          PTM 5.353368e-01 IU/ML
## 768
                  20
                        IgG3
                                              TRUE 1% PFA PT 7.192226e-01 IU/ML
## 769
                  20
                        IgG3
                                              TRUE
                                                          PRN 1.883891e+01 IU/ML
## 770
                  20
                        IgG3
                                              TRUE
                                                          FHA 2.959059e+01 IU/ML
## 771
                  20
                        IgG3
                                              TRUE
                                                      FIM2/3 1.000000e-01 IU/ML
## 772
                  20
                        IgG3
                                              TRUE
                                                           TT 2.358852e+00 IU/ML
## 773
                  20
                        IgG3
                                              TRUE
                                                           DT 1.512429e+01 IU/ML
## 774
                  20
                        IgG3
                                              TRUE
                                                          OVA 1.931494e+00 IU/ML
                  20
                        IgG3
##
  775
                                              TRUE
                                                          PD1 1.856459e+00 IU/ML
                  20
                                                          ACT 1.000000e-01 IU/ML
## 776
                        IgG4
                                              TRUE
                  20
                                              TRUE
## 777
                        IgG4
                                                          LOS 4.183284e+00 IU/ML
## 778
                  20
                                              TRUE
                                                        FELD1 7.299663e+00 IU/ML
                        IgG4
                  20
## 779
                        IgG4
                                              TRUE
                                                        BETV1 7.681818e-01 IU/ML
## 780
                  20
                        IgG4
                                              TRUE
                                                        LOLP1 4.175084e-01 IU/ML
## 781
                  20
                        IgG4
                                              TRUE
                                                     Measles 9.444444e-01 IU/ML
                  20
## 782
                        IgG4
                                              TRUE
                                                          PTM 2.933523e-01 IU/ML
                                              TRUE 1% PFA PT 1.000000e-01 IU/ML
## 783
                  20
                        IgG4
                  20
## 784
                        IgG4
                                              TRUE
                                                          PRN 1.408496e+01 IU/ML
## 785
                  20
                        IgG4
                                              TRUE
                                                          FHA 2.453282e+00 IU/ML
## 786
                  20
                        IgG4
                                              TRUE
                                                      FIM2/3 2.365562e+00 IU/ML
```

	787	20	IgG4	TRUE		8.042130e-01	
	788	20	IgG4	TRUE		1.991524e+00	
	789	20	IgG4	TRUE		7.433557e+01	
	790	20	IgG4	TRUE		1.179293e+00	
	791	29	IgE	FALSE		7.139937e+02	
	792	29	IgE	FALSE		1.742145e+03	
	793	29	IgG	TRUE		2.986034e+01	
	794	29	IgG	TRUE		5.202187e+02	
##	795	29	IgG	TRUE		4.543517e+01	
##	796	29	IgE	TRUE		1.000000e-01	
##	797	29	IgE	TRUE		1.922078e+00	
##	798	29	IgE	TRUE	FELD1	1.508465e+00	IU/ML
##	799	29	IgE	TRUE		8.730408e-01	
##	800	29	IgE	TRUE	LOLP1	1.000000e-01	IU/ML
##	801	29	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	802	29	IgE	TRUE	PTM	6.948555e-01	IU/ML
##	803	29	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	804	29	IgE	TRUE	PRN	5.909091e-01	IU/ML
##	805	29	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	806	29	IgE	TRUE	FIM2/3	2.941249e+00	IU/ML
##	807	29	IgE	TRUE	TT	5.143003e-01	IU/ML
##	808	29	IgE	TRUE	DT	1.569075e+00	IU/ML
##	809	29	IgE	TRUE	OVA	1.000000e-01	IU/ML
##	810	29	IgG1	TRUE	ACT	1.179746e+03	IU/ML
##	811	29	IgG1	TRUE	LOS	1.049567e+01	IU/ML
##	812	29	IgG1	TRUE	FELD1	1.000000e-01	IU/ML
##	813	29	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	814	29	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	815	29	IgG1	TRUE	Measles	3.734307e+01	IU/ML
##	816	29	IgG1	TRUE	PTM	3.175200e+03	IU/ML
##	817	29	IgG1	TRUE	1% PFA PT	3.462840e+03	IU/ML
##	818	29	IgG1	TRUE	PRN	2.397369e+04	IU/ML
##	819	29	IgG1	TRUE	FHA	1.396318e+04	IU/ML
##	820	29	IgG1	TRUE	FIM2/3	2.094170e+04	IU/ML
##	821	29	IgG1	TRUE	TT	2.296431e+04	IU/ML
##	822	29	IgG1	TRUE	DT	1.685290e+04	IU/ML
##	823	29	IgG1	TRUE	OVA	2.010117e+02	IU/ML
##	824	29	IgG1	TRUE	PD1	1.126760e+00	IU/ML
##	825	29	IgG2	TRUE		7.973542e+01	
##	826	29	IgG2	TRUE	LOS	1.627212e+01	IU/ML
##	827	29	IgG2	TRUE	FELD1	2.625000e+00	IU/ML
##	828	29	IgG2	TRUE	BETV1	4.687500e-01	IU/ML
##	829	29	IgG2	TRUE		1.135744e+01	
	830	29	IgG2	TRUE		1.518655e+01	
	831	29	IgG2	TRUE		9.916667e+00	
	832	29	IgG2			2.657766e+01	
	833	29	IgG2	TRUE		1.761236e+03	
	834	29	IgG2	TRUE		3.030926e+02	
	835	29	IgG2	TRUE		1.891399e+02	
	836	29	IgG2	TRUE		3.251835e+01	
	837	29	IgG2	TRUE		1.858648e+03	
	838	29	IgG2	TRUE		3.078218e+02	
	839	29	IgG2	TRUE		5.321246e+01	
	840	29	IgG3	TRUE		4.854249e+00	
ırπ	<b>010</b>	20	-640	11001	AOI	1.0012400.00	-0,110

```
## 841
                  29
                        IgG3
                                              TRUE
                                                          LOS 3.043237e+00 IU/ML
## 842
                  29
                                              TRUE
                                                        FELD1 1.000000e-01 IU/ML
                        IgG3
## 843
                  29
                        IgG3
                                              TRUE
                                                        BETV1 1.000000e-01 IU/ML
## 844
                  29
                        IgG3
                                              TRUE
                                                        LOLP1 1.000000e-01 IU/ML
##
  845
                  29
                        IgG3
                                              TRUE
                                                     Measles 4.323017e-01 IU/ML
                  29
                        IgG3
                                                          PTM 8.922279e-01 IU/ML
## 846
                                              TRUE
## 847
                  29
                        IgG3
                                              TRUE 1% PFA PT 1.798056e+00 IU/ML
## 848
                  29
                        IgG3
                                              TRUE
                                                          PRN 3.374622e+01 IU/ML
## 849
                  29
                        IgG3
                                              TRUE
                                                          FHA 1.306641e+02 IU/ML
## 850
                  29
                        IgG3
                                                      FIM2/3 2.378676e+02 IU/ML
                                              TRUE
## 851
                  29
                        IgG3
                                              TRUE
                                                           TT 2.325154e+01 IU/ML
                  29
                                              TRUE
## 852
                        IgG3
                                                           DT 1.169992e+01 IU/ML
##
   853
                  29
                        IgG3
                                              TRUE
                                                          OVA 1.073052e+00 IU/ML
                                              TRUE
## 854
                  29
                        IgG3
                                                          PD1 1.392344e+00 IU/ML
## 855
                  29
                        IgG4
                                              TRUE
                                                          ACT 1.929162e+00 IU/ML
## 856
                  29
                        IgG4
                                              TRUE
                                                          LOS 9.296188e-01 IU/ML
## 857
                  29
                                                        FELD1 6.843434e-01 IU/ML
                        IgG4
                                              TRUE
                  29
## 858
                        IgG4
                                              TRUE
                                                        BETV1 7.681818e-01 IU/ML
## 859
                  29
                                              TRUE
                                                       LOLP1 4.175084e-01 IU/ML
                        IgG4
## 860
                  29
                        IgG4
                                              TRUE
                                                     Measles 1.000000e-01 IU/ML
##
  861
                  29
                        IgG4
                                              TRUE
                                                          PTM 1.994795e+01 IU/ML
  862
                  29
                        IgG4
                                              TRUE 1% PFA PT 2.207510e+01 IU/ML
## 863
                  29
                                                          PRN 8.992702e+01 IU/ML
                        IgG4
                                              TRUE
                        IgG4
## 864
                  29
                                              TRUE
                                                          FHA 1.524102e+02 IU/ML
                  29
## 865
                        IgG4
                                              TRUE
                                                      FIM2/3 5.736489e+02 IU/ML
## 866
                  29
                        IgG4
                                              TRUE
                                                           TT 3.289231e+02 IU/ML
## 867
                  29
                        IgG4
                                              TRUE
                                                           DT 8.229972e+02 IU/ML
                  29
                                              TRUE
##
   868
                        IgG4
                                                          OVA 3.722204e+03 IU/ML
## 869
                  29
                        IgG4
                                              TRUE
                                                          PD1 1.000000e-01 IU/ML
## 870
                  38
                         IgE
                                             FALSE
                                                        Total 6.360080e+02 UG/ML
## 871
                  38
                         IgE
                                             FALSE
                                                        Total 1.551860e+03 IU/ML
## 872
                  38
                         IgG
                                              TRUE
                                                           PT 5.791494e+01 IU/ML
                  38
## 873
                         IgG
                                              TRUE
                                                          PRN 5.851688e+02 IU/ML
## 874
                  38
                                              TRUE
                                                          FHA 5.836590e+02 IU/ML
                         IgG
## 875
                  38
                         IgE
                                              TRUE
                                                          ACT 8.880682e-01 IU/ML
## 876
                  38
                                              TRUE
                                                          LOS 9.610390e-01 IU/ML
                         IgE
## 877
                  38
                         IgE
                                              TRUE
                                                        FELD1 7.542327e-01 IU/ML
## 878
                  38
                         IgE
                                              TRUE
                                                        BETV1 1.000000e-01 IU/ML
## 879
                  38
                         IgE
                                              TRUE
                                                        LOLP1 3.423484e+01 IU/ML
## 880
                  38
                         IgE
                                                     Measles 1.000000e-01 IU/ML
                                              TRUE
  881
                  38
                         IgE
                                              TRUE
                                                          PTM 3.126850e+00 IU/ML
## 882
                  38
                         IgE
                                              TRUE 1% PFA PT 7.497876e-01 IU/ML
##
  883
                  38
                         IgE
                                              TRUE
                                                          PRN 3.840909e+00 IU/ML
##
  884
                  38
                         IgE
                                              TRUE
                                                          FHA 2.808081e+00 IU/ML
                  38
                                              TRUE
## 885
                         IgE
                                                      FIM2/3 9.007576e+00 IU/ML
## 886
                  38
                         IgE
                                              TRUE
                                                           TT 7.714505e-01 IU/ML
                  38
## 887
                         IgE
                                              TRUE
                                                           DT 4.707225e+00 IU/ML
## 888
                  38
                         IgE
                                              TRUE
                                                          OVA 1.000000e-01 IU/ML
## 889
                  38
                        IgG1
                                              TRUE
                                                          ACT 2.558005e+03 IU/ML
## 890
                  38
                        IgG1
                                              TRUE
                                                          LOS 7.625541e+00 IU/ML
  891
                  38
                        IgG1
                                              TRUE
                                                        FELD1 9.567009e-01 IU/ML
##
## 892
                  38
                        IgG1
                                              TRUE
                                                        BETV1 1.000000e-01 IU/ML
## 893
                  38
                        IgG1
                                              TRUE
                                                       LOLP1 1.000000e-01 IU/ML
## 894
                  38
                        IgG1
                                              TRUE
                                                     Measles 3.840873e+01 IU/ML
```

	895	38	IgG1	TRUE		3.187824e+03	
	896	38	IgG1			4.634651e+03	
##	897	38	IgG1	TRUE	PRN	2.340893e+04	IU/ML
##	898	38	IgG1	TRUE	FHA	2.771973e+04	IU/ML
##	899	38	IgG1	TRUE	FIM2/3	5.400677e+04	IU/ML
##	900	38	IgG1	TRUE	TT	1.976705e+04	IU/ML
##	901	38	IgG1	TRUE	DT	1.786467e+04	IU/ML
##	902	38	IgG1	TRUE	OVA	9.042273e+01	IU/ML
##	903	38	IgG1	TRUE	PD1	3.236325e+00	IU/ML
##	904	38	IgG2	TRUE	ACT	8.799975e+01	IU/ML
##	905	38	IgG2	TRUE	LOS	1.549725e+00	IU/ML
##	906	38	IgG2	TRUE	FELD1	1.000000e-01	IU/ML
##	907	38	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	908	38	IgG2	TRUE	LOLP1	9.876033e-01	IU/ML
##	909	38	IgG2	TRUE	Measles	7.689394e-01	IU/ML
##	910	38	IgG2	TRUE	PTM	1.604167e+01	IU/ML
##	911	38	IgG2	TRUE	1% PFA PT	2.689406e+01	IU/ML
##	912	38	IgG2	TRUE		9.704736e+01	
##	913	38	IgG2	TRUE	FHA	1.582195e+03	IU/ML
##	914	38	IgG2	TRUE	FIM2/3	4.334736e+02	IU/ML
##	915	38	IgG2	TRUE	TT	1.976606e+01	IU/ML
##	916	38	IgG2	TRUE	DT	8.123115e+02	IU/ML
##	917	38	IgG2	TRUE		4.703416e+01	
##	918	38	IgG2	TRUE		2.082227e+00	
##	919	38	IgG3	TRUE		3.826766e+02	
	920	38	IgG3	TRUE		1.251109e+01	
	921	38	IgG3	TRUE		1.230114e+00	
	922	38	IgG3	TRUE		2.165775e+00	
##	923	38	IgG3	TRUE	LOLP1	3.065559e+00	IU/ML
##	924	38	IgG3	TRUE	Measles	6.484526e+00	IU/ML
##	925	38	IgG3	TRUE	PTM	9.457616e+00	IU/ML
##	926	38	IgG3	TRUE	1% PFA PT	1.366523e+01	IU/ML
##	927	38	IgG3	TRUE		8.862479e+01	
##	928	38	IgG3	TRUE	FHA	1.083880e+03	IU/ML
##	929	38	IgG3	TRUE	FIM2/3	2.156051e+02	IU/ML
	930	38	IgG3	TRUE		2.965414e+01	
##	931	38	IgG3	TRUE		4.261912e+02	
	932	38	IgG3	TRUE		1.695422e+01	
	933	38	IgG3	TRUE	PD1	3.248804e+00	IU/ML
	934	38	IgG4	TRUE		7.234357e+00	
	935	38	IgG4	TRUE		9.296188e-01	
	936	38	IgG4	TRUE		1.000000e-01	
	937	38	IgG4	TRUE		1.280303e+00	
	938	38	IgG4	TRUE		1.711785e+01	
	939	38	IgG4	TRUE		4.72222e-01	
	940	38	IgG4	TRUE		1.155808e+02	
	941	38	IgG4			1.697396e+02	
	942	38	IgG4	TRUE		3.196201e+01	
	943	38	IgG4	TRUE		3.893053e+03	
	944	38	IgG4	TRUE		9.541102e+01	
	945	38	IgG4	TRUE		1.951557e+02	
	946	38	IgG4	TRUE		2.561846e+03	
	947	38	IgG4	TRUE		3.244178e+03	
	948	38	IgG4	TRUE		2.358586e-01	
			-0		121		,

	949	47	IgE 	FALSE		2.387177e+02	
	950	47	IgE	FALSE		5.824712e+02	
	951	47	IgG	TRUE		3.657555e+00	
	952	47	IgG	TRUE		1.142381e+01	
	953	47	IgG	TRUE		2.123744e+01	
	954	47	IgE	TRUE		3.226648e+01	
	955	47	IgE	TRUE		2.199818e+03	
	956	47	IgE	TRUE		7.112414e+03	
	957	47	IgE	TRUE		1.000000e-01	•
##	958	47	IgE	TRUE		3.033467e+01	
##	959	47	IgE	TRUE		1.000000e-01	
##	960	47	IgE	TRUE		7.643411e+00	
##	961	47	IgE	TRUE	1% PFA PT	7.497876e+00	IU/ML
##	962	47	IgE	TRUE	PRN	1.772727e+00	IU/ML
##	963	47	IgE	TRUE	FHA	4.492929e+00	IU/ML
##	964	47	IgE	TRUE	FIM2/3	7.463420e+01	IU/ML
##	965	47	IgE	TRUE	TT	1.800051e+00	IU/ML
##	966	47	IgE	TRUE	DT	1.359865e+01	IU/ML
##	967	47	IgE	TRUE	OVA	2.075758e+00	IU/ML
##	968	47	IgG1	TRUE	ACT	1.258288e+03	IU/ML
##	969	47	IgG1	TRUE	LOS	5.126502e+03	IU/ML
##	970	47	IgG1	TRUE	FELD1	1.044419e+04	IU/ML
##	971	47	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	972	47	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	973	47	IgG1	TRUE	Measles	4.906530e+01	IU/ML
##	974	47	IgG1	TRUE	PTM	3.197628e+01	IU/ML
##	975	47	IgG1	TRUE	1% PFA PT	5.333041e+01	IU/ML
##	976	47	IgG1	TRUE	PRN	2.186552e+02	IU/ML
##	977	47	IgG1	TRUE	FHA	6.626184e+03	IU/ML
##	978	47	IgG1	TRUE	FIM2/3	4.807180e+03	IU/ML
##	979	47	IgG1	TRUE	TT	1.150398e+04	IU/ML
##	980	47	IgG1	TRUE	DT	2.797810e+03	IU/ML
##	981	47	IgG1	TRUE	OVA	3.046734e+02	IU/ML
##	982	47	IgG1	TRUE	PD1	1.000000e-01	IU/ML
##	983	47	IgG2	TRUE	ACT	1.928342e+01	IU/ML
##	984	47	IgG2	TRUE	LOS	5.075351e+01	IU/ML
##	985	47	IgG2	TRUE	FELD1	1.233750e+02	IU/ML
##	986	47	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	987	47	IgG2	TRUE	LOLP1	9.876033e-01	IU/ML
##	988	47	IgG2	TRUE	Measles	9.611742e-01	IU/ML
##	989	47	IgG2	TRUE	PTM	1.166667e+00	IU/ML
##	990	47	IgG2	TRUE	1% PFA PT	1.898404e+00	IU/ML
##	991	47	IgG2	TRUE		2.314588e+00	
##	992	47	IgG2	TRUE		6.990142e+01	
##	993	47	IgG2	TRUE	FIM2/3	8.565143e+01	IU/ML
##	994	47	IgG2	TRUE	TT	1.434633e+01	IU/ML
##	995	47	IgG2	TRUE	DT	1.047348e+03	IU/ML
	996	47	IgG2	TRUE		1.052669e+02	
	997	47	IgG2	TRUE		1.850868e+00	
	998	47	IgG3	TRUE		2.686018e+01	
	999	47	IgG3	TRUE		7.608093e+00	
	1000	47	IgG3	TRUE		1.455634e+01	
	1001	47	IgG3	TRUE		1.000000e-01	
	1002	47	IgG3	TRUE		1.000000e-01	
	•		<b>U</b> -		<b>-</b>		

	1000	4 7	T 00	TIDITE.		0 464500 .00	TTT /34T
	1003	47	IgG3	TRUE		2.161509e+00	
	1004	47	IgG3	TRUE		1.784456e-01	
	1005	47	IgG3			5.394169e-01	
	1006	47	IgG3	TRUE		1.949418e+01	
	1007	47	IgG3	TRUE		1.639119e+02	
	1008	47	IgG3	TRUE		2.406754e+00	
##	1009	47	IgG3	TRUE	TT	2.358852e+00	IU/ML
##	1010	47	IgG3	TRUE	DT	1.712184e+01	IU/ML
##	1011	47	IgG3	TRUE	AVO	2.940162e+01	IU/ML
##	1012	47	IgG3	TRUE	PD1	3.712919e+00	IU/ML
##	1013	47	IgG4	TRUE	ACT	1.929162e+00	IU/ML
##	1014	47	IgG4	TRUE	LOS	6.776921e+02	IU/ML
##	1015	47	IgG4	TRUE	FELD1	1.831759e+03	IU/ML
##	1016	47	IgG4	TRUE	BETV1	1.024242e+00	IU/ML
##	1017	47	IgG4	TRUE	LOLP1	8.350168e-01	IU/ML
##	1018	47	IgG4	TRUE	Measles	2.361111e+00	IU/ML
##	1019	47	IgG4	TRUE	PTM	3.520227e+00	IU/ML
##	1020	47	IgG4	TRUE	1% PFA PT	1.789873e+00	IU/ML
##	1021	47	IgG4	TRUE	PRN	3.792103e+00	IU/ML
##	1022	47	IgG4	TRUE	FHA	1.333972e+02	IU/ML
##	1023	47	IgG4	TRUE	FIM2/3	2.720397e+01	IU/ML
##	1024	47	IgG4	TRUE	TT	7.036864e+02	IU/ML
##	1025	47	IgG4	TRUE	DT	8.222504e+02	IU/ML
##	1026	47	IgG4	TRUE	OVA	1.504047e+04	IU/ML
	1027	47	IgG4	TRUE		1.415152e+00	
	1028	56	IgE	FALSE		7.891059e+02	
	1029	56	IgE	FALSE		1.925418e+03	
##	1030	56	IgG	TRUE		6.543368e+00	
##	1031	56	IgG	TRUE	PRN	7.775783e+01	IU/ML
	1032	56	IgG	TRUE		2.382806e+01	
	1033	56	IgE	TRUE		1.000000e-01	
	1034	56	IgE	TRUE		1.441558e+00	
	1035	56	IgE	TRUE		7.542327e-01	
	1036	56	IgE	TRUE		8.730408e-01	
	1037	56	IgE	TRUE		8.667047e-01	
	1038	56	IgE	TRUE		1.000000e-01	
	1039	56	IgE	TRUE		6.948555e-01	
	1040	56	IgE			1.000000e-01	
	1041	56	IgE	TRUE		2.363636e+00	
	1042	56	IgE	TRUE		1.000000e-01	
	1043	56	IgE	TRUE		2.941249e+00	
	1044	56	IgE	TRUE		1.285751e+00	
	1045	56	IgE	TRUE		1.569075e+00	
	1046	56	IgE	TRUE		1.000000e-01	
	1047	56	IgG1	TRUE		1.543895e+02	
	1048	56	IgG1	TRUE		2.841991e+00	
	1049	56	IgG1	TRUE		1.000000e-01	
	1050	56	IgG1	TRUE		1.000000e 01 1.000000e-01	
	1051	56	IgG1	TRUE		1.000000e 01 1.000000e-01	
	1052	56	IgG1	TRUE		4.293777e+01	
	1052	56	IgG1	TRUE		7.817645e+01	
	1054	56	IgG1			1.528665e+02	
	1055	56	IgG1	TRUE		8.433181e+03	
	1056	56	-	TRUE		6.913372e+03	
##	1000	50	IgG1	INUE	гпа	0.91331ZETU3	TO/ ML

##	1057	56	IgG1	TRUE	FIM2/3	2.298426e+03	IU/ML
	1058	56	IgG1	TRUE		1.359245e+04	
##	1059	56	IgG1	TRUE	DT	5.325364e+03	IU/ML
##	1060	56	IgG1	TRUE		1.000000e-01	
	1061	56	IgG1	TRUE	PD1	8.923635e-01	IU/ML
	1062	56	IgG2	TRUE	ACT	1.411057e+02	IU/ML
	1063	56	IgG2	TRUE	LOS	2.014643e+01	IU/ML
##	1064	56	IgG2	TRUE	FELD1	2.386364e-01	IU/ML
##	1065	56	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	1066	56	IgG2	TRUE	LOLP1	1.481405e+00	IU/ML
##	1067	56	IgG2	TRUE	Measles	2.306818e+00	IU/ML
##	1068	56	IgG2	TRUE	PTM	1.166667e+00	IU/ML
##	1069	56	IgG2	TRUE	1% PFA PT	6.644414e+00	IU/ML
##	1070	56	IgG2	TRUE	PRN	3.620677e+01	IU/ML
##	1071	56	IgG2	TRUE	FHA	5.506368e+02	IU/ML
##	1072	56	IgG2	TRUE	FIM2/3	1.383212e+02	IU/ML
##	1073	56	IgG2	TRUE	TT	1.880963e+01	IU/ML
##	1074	56	IgG2	TRUE	DT	1.184486e+03	IU/ML
##	1075	56	IgG2	TRUE	OVA	8.398958e-01	IU/ML
##	1076	56	IgG2	TRUE	PD1	3.701736e+00	IU/ML
##	1077	56	IgG3	TRUE	ACT	2.391527e+02	IU/ML
##	1078	56	IgG3	TRUE	LOS	1.352550e+00	IU/ML
##	1079	56	IgG3	TRUE	FELD1	1.000000e-01	IU/ML
##	1080	56	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	1081	56	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	1082	56	IgG3	TRUE	Measles	4.323017e-01	IU/ML
##	1083	56	IgG3	TRUE	PTM	1.000000e-01	IU/ML
##	1084	56	IgG3	TRUE	1% PFA PT	1.078834e+00	IU/ML
##	1085	56	IgG3	TRUE	PRN	2.784883e+00	IU/ML
##	1086	56	IgG3	TRUE	FHA	1.994871e+01	IU/ML
##	1087	56	IgG3	TRUE	FIM2/3	1.000000e-01	IU/ML
##	1088	56	IgG3	TRUE	TT	3.032809e+00	IU/ML
##	1089	56	IgG3	TRUE	DT	1.284138e+01	IU/ML
##	1090	56	IgG3	TRUE	OVA	2.146104e-01	IU/ML
##	1091	56	IgG3	TRUE	PD1	1.856459e+00	IU/ML
##	1092	56	IgG4	TRUE	ACT	6.993211e+00	IU/ML
##	1093	56	IgG4	TRUE	LOS	2.091642e+00	IU/ML
##	1094	56	IgG4	TRUE	FELD1	2.509259e+00	IU/ML
##	1095	56	IgG4	TRUE	BETV1	1.792424e+00	IU/ML
##	1096	56	IgG4	TRUE	LOLP1	1.670034e+00	IU/ML
##	1097	56	IgG4	TRUE	Measles	3.541667e+00	IU/ML
##	1098	56	IgG4	TRUE		4.693636e+00	
	1099	56	IgG4	TRUE		4.772994e+00	
	1100	56	IgG4	TRUE		2.042318e+02	
##	1101	56	IgG4	TRUE	FHA	9.291807e+01	IU/ML
	1102	56	IgG4	TRUE		1.695320e+01	
	1103	56	IgG4	TRUE		1.934936e+03	
	1104	56	IgG4	TRUE		1.094940e+04	
	1105	56	IgG4	TRUE		7.183963e+02	
	1106	56	IgG4	TRUE		2.122727e+00	
	1107	71	IgE	FALSE		1.423208e+03	
	1108	71	IgE	FALSE		3.472627e+03	
	1109	71	IgG	TRUE		3.550618e+00	
	1110	71	IgG	TRUE		1.913890e+01	
			-0~	1102			, <del>-</del>

	1111	71	IgG	TRUE		1.858811e+01	
	1112	71	IgE	TRUE		1.000000e-01	
	1113	71	IgE	TRUE		9.610390e-01	
	1114	71	IgE	TRUE		7.542327e-01	
	1115	71	IgE	TRUE		1.000000e-01	
##	1116	71	IgE	TRUE		1.733409e+00	
	1117	71	IgE	TRUE		1.000000e-01	
##	1118	71	IgE	TRUE	PTM	2.084567e+00	IU/ML
	1119	71	IgE	TRUE	1% PFA PT	1.499575e+00	IU/ML
	1120	71	IgE	TRUE	PRN	5.909091e-01	IU/ML
	1121	71	IgE	TRUE	FHA	2.808081e+00	IU/ML
	1122	71	IgE	TRUE	FIM2/3	1.838281e+00	IU/ML
	1123	71	IgE	TRUE	TT	2.314351e+00	IU/ML
	1124	71	IgE	TRUE	DT	1.778285e+01	IU/ML
	1125	71	IgE	TRUE		1.000000e-01	
	1126	71	IgG1	TRUE	ACT	6.423213e+02	IU/ML
##	1127	71	IgG1	TRUE	LOS	1.885281e+00	IU/ML
##	1128	71	IgG1	TRUE	FELD1	1.000000e-01	IU/ML
##	1129	71	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	1130	71	IgG1	TRUE	LOLP1	2.022193e+01	IU/ML
##	1131	71	IgG1	TRUE	Measles	1.656277e+01	IU/ML
##	1132	71	IgG1	TRUE	PTM	1.000000e-01	IU/ML
##	1133	71	IgG1	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	1134	71	IgG1	TRUE	PRN	3.542724e+02	IU/ML
##	1135	71	IgG1	TRUE	FHA	3.253411e+03	IU/ML
##	1136	71	IgG1	TRUE	FIM2/3	3.957654e+03	IU/ML
##	1137	71	IgG1	TRUE	TT	6.803964e+03	IU/ML
##	1138	71	IgG1	TRUE	DT	6.496113e+03	IU/ML
##	1139	71	IgG1	TRUE	OVA	1.249091e+01	IU/ML
##	1140	71	IgG1	TRUE	PD1	1.000000e-01	IU/ML
##	1141	71	IgG2	TRUE	ACT	7.774586e+01	IU/ML
##	1142	71	IgG2	TRUE	LOS	3.874314e+00	IU/ML
##	1143	71	IgG2	TRUE	FELD1	7.159091e-01	IU/ML
##	1144	71	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	1145	71	IgG2	TRUE	LOLP1	9.876033e-01	IU/ML
##	1146	71	IgG2	TRUE		9.611742e-01	
##	1147	71	IgG2	TRUE	PTM	2.916667e-01	IU/ML
##	1148	71	IgG2	TRUE		2.214805e+00	
##	1149	71	IgG2	TRUE	PRN	8.597040e+00	IU/ML
##	1150	71	IgG2	TRUE	FHA	8.052644e+01	IU/ML
##	1151	71	IgG2	TRUE	FIM2/3	4.913599e+01	IU/ML
##	1152	71	IgG2	TRUE	TT	3.092431e+01	IU/ML
##	1153	71	IgG2	TRUE	DT	1.907395e+03	IU/ML
##	1154	71	IgG2	TRUE	OVA	1.903764e+01	IU/ML
##	1155	71	IgG2	TRUE	PD1	5.552605e+00	IU/ML
##	1156	71	IgG3	TRUE	ACT	1.262105e+01	IU/ML
##	1157	71	IgG3	TRUE		2.705100e+00	
##	1158	71	IgG3	TRUE	FELD1	1.000000e-01	IU/ML
##	1159	71	IgG3	TRUE	BETV1	4.331551e-01	IU/ML
##	1160	71	IgG3	TRUE	LOLP1	1.309432e+02	IU/ML
##	1161	71	IgG3	TRUE	Measles	1.296905e+00	IU/ML
##	1162	71	IgG3	TRUE		1.000000e-01	
##	1163	71	IgG3	TRUE	1% PFA PT	7.192226e-01	IU/ML
##	1164	71	IgG3	TRUE	PRN	6.994970e+01	IU/ML

	1165	71	IgG3	TRUE		7.314528e+00	
	1166	71	IgG3	TRUE		6.073044e+02	
	1167	71	IgG3	TRUE		2.021873e+00	
	1168	71	IgG3	TRUE		1.739294e+02	
	1169	71	IgG3	TRUE		9.013636e+00	
##	1170	71	IgG3	TRUE	PD1	2.320574e+00	IU/ML
	1171	71	IgG4	TRUE		2.652597e+01	
	1172	71	IgG4	TRUE		5.577713e+00	
	1173	71	IgG4	TRUE		5.930976e+00	
##	1174	71	IgG4	TRUE	BETV1	3.840909e+00	IU/ML
##	1175	71	IgG4	TRUE		2.922559e+00	
##	1176	71	IgG4	TRUE	Measles	6.375000e+00	IU/ML
##	1177	71	IgG4	TRUE	PTM	3.168204e+01	IU/ML
##	1178	71	IgG4	TRUE	1% PFA PT	3.997382e+01	IU/ML
##	1179	71	IgG4	TRUE	PRN	5.203307e+02	IU/ML
##	1180	71	IgG4	TRUE	FHA	2.349325e+03	IU/ML
##	1181	71	IgG4	TRUE	FIM2/3	1.048733e+02	IU/ML
##	1182	71	IgG4	TRUE	TT	5.137313e+03	IU/ML
##	1183	71	IgG4	TRUE	DT	1.097827e+04	IU/ML
##	1184	71	IgG4	TRUE	AVO	7.239308e+03	IU/ML
##	1185	71	IgG4	TRUE	PD1	4.717172e+00	IU/ML
##	1186	4	IgE	FALSE	Total	1.006916e+03	UG/ML
##	1187	4	IgE	FALSE	Total	2.456876e+03	IU/ML
##	1188	4	IgG	TRUE	PT	5.963762e+01	IU/ML
##	1189	4	IgG	TRUE	PRN	2.852614e+02	IU/ML
##	1190	4	IgG	TRUE	FHA	5.729134e+02	IU/ML
##	1191	4	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	1192	4	IgE	TRUE	LOS	3.075325e+01	IU/ML
##	1193	4	IgE	TRUE	FELD1	8.673676e+01	IU/ML
##	1194	4	IgE	TRUE	BETV1	9.603448e+00	IU/ML
##	1195	4	IgE	TRUE	LOLP1	7.800343e+00	IU/ML
##	1196	4	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	1197	4	IgE	TRUE	PTM	1.000000e-01	IU/ML
##	1198	4	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	1199	4	IgE	TRUE	PRN	5.909091e-01	IU/ML
##	1200	4	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	1201	4	IgE	TRUE	FIM2/3	7.353123e-01	IU/ML
##	1202	4	IgE	TRUE	TT	7.714505e-01	IU/ML
##	1203	4	IgE	TRUE	DT	1.046050e+00	IU/ML
##	1204	4	IgE	TRUE	AVO	1.000000e-01	IU/ML
##	1205	4	IgG1	TRUE	ACT	2.539125e+02	IU/ML
##	1206	4	IgG1	TRUE	LOS	1.193074e+01	IU/ML
##	1207	4	IgG1	TRUE	FELD1	1.448796e+00	IU/ML
##	1208	4	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	1209	4	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	1210	4	IgG1	TRUE	Measles	3.867514e+01	IU/ML
##	1211	4	IgG1	TRUE	PTM	3.747330e+03	IU/ML
	1212	4	IgG1		1% PFA PT	5.152558e+03	IU/ML
	1213	4	IgG1	TRUE		1.861508e+04	
	1214	4	IgG1	TRUE		2.993392e+04	
	1215	4	IgG1	TRUE		7.525942e+03	
	1216	4	IgG1	TRUE		1.860524e+04	
	1217	4	IgG1	TRUE		1.961057e+04	
	1218	4	IgG1	TRUE		1.570714e+01	
			_				

	1219	4	IgG1	TRUE		3.236325e+00	
	1220	4	IgG2	TRUE		4.346422e+01	
	1221	4	IgG2	TRUE		2.188987e+01	
	1222	4	IgG2	TRUE		2.386364e-01	
	1223	4	IgG2	TRUE		1.000000e-01	
	1224	4	IgG2	TRUE		1.728306e+00	
	1225	4	IgG2	TRUE		7.689394e-01	
	1226	4	IgG2	TRUE		2.916667e-01	
	1227	4	IgG2			4.429610e+00	
	1228	4	IgG2	TRUE		1.279636e+02	
	1229	4	IgG2	TRUE		2.591013e+02	
##	1230	4	IgG2	TRUE	FIM2/3	2.524109e+00	IU/ML
##	1231	4	IgG2	TRUE	TT	6.694954e+00	IU/ML
##	1232	4	IgG2	TRUE	DT	5.586664e+02	IU/ML
##	1233	4	IgG2	TRUE	OVA	9.098871e+01	IU/ML
##	1234	4	IgG2	TRUE	PD1	5.552605e+00	IU/ML
##	1235	4	IgG3	TRUE	ACT	2.265316e+00	IU/ML
##	1236	4	IgG3	TRUE	LOS	1.352550e+00	IU/ML
##	1237	4	IgG3	TRUE	FELD1	1.000000e-01	IU/ML
##	1238	4	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	1239	4	IgG3	TRUE	LOLP1	4.379371e-01	IU/ML
##	1240	4	IgG3	TRUE	Measles	4.323017e-01	IU/ML
##	1241	4	IgG3	TRUE	PTM	3.568912e-01	IU/ML
##	1242	4	IgG3	TRUE	1% PFA PT	1.078834e+00	IU/ML
##	1243	4	IgG3	TRUE		4.958729e+02	
##	1244	4	IgG3	TRUE		5.984613e+00	
##	1245	4	IgG3	TRUE		6.016886e-01	
	1246	4	IgG3	TRUE		3.369788e+00	
	1247	4	IgG3	TRUE		8.617993e+01	
##	1248	4	IgG3	TRUE		6.223701e+00	
	1249	4	IgG3	TRUE		1.856459e+00	
##	1250	4	IgG4	TRUE		7.475502e+00	
	1251	4	IgG4	TRUE		2.161364e+01	
	1252	4	IgG4	TRUE		2.246928e+02	
	1253	4	IgG4	TRUE		1.152273e+01	
	1254	4	IgG4	TRUE		8.350168e-01	
	1255	4	IgG4	TRUE		9.44444e-01	
	1256	4	IgG4	TRUE		2.933523e+00	
	1257	4	IgG4			5.966242e+00	
	1258	4	IgG4	TRUE		2.204837e+02	
	1259	4	IgG4	TRUE		1.011979e+02	
	1260	4	IgG4	TRUE		1.774172e+01	
	1261	4	IgG4	TRUE		5.575877e+02	
	1262	4	IgG4	TRUE		1.418214e+03	
	1263	4	IgG4	TRUE		7.100674e+03	
	1264	4	IgG4	TRUE		1.00000e-01	
	1265	21	_	FALSE		3.495418e+02	
	1266	21	IgE IgE	FALSE		8.528820e+02	
	1267	21	IgE IgC	TRUE		9.473398e+00	
			IgG IgC			4.691233e+02	
	1268	21	IgG	TRUE			
	1269	21	IgG	TRUE		3.357106e+01	
	1270	21	IgE	TRUE		1.000000e-01	
	1271	21	IgE	TRUE		2.883117e+00	
##	1272	21	IgE	TRUE	r ELD1	5.279629e+00	TO/MF

	1273	21	IgE 	TRUE		1.746082e+00	
	1274	21	IgE 	TRUE		1.000000e-01	
	1275	21	IgE	TRUE		1.00000e-01	
	1276	21	IgE	TRUE		1.00000e-01	
	1277	21	IgE			1.000000e-01	
	1278	21	IgE	TRUE		1.772727e+00	
	1279	21	IgE	TRUE		1.000000e-01	
	1280	21	IgE	TRUE		1.000000e-01	
	1281	21	IgE	TRUE		1.800051e+00	•
	1282	21	IgE	TRUE		1.046050e+00	
	1283	21	IgE	TRUE		6.919192e-01	
	1284	21	IgG1	TRUE		1.710663e+02	
	1285	21	IgG1	TRUE	LOS	1.468268e+02	IU/ML
	1286	21	IgG1	TRUE	FELD1	2.927690e+02	IU/ML
	1287	21	IgG1	TRUE		1.000000e-01	
	1288	21	IgG1	TRUE		1.000000e-01	
##	1289	21	IgG1	TRUE	Measles	3.174838e+01	IU/ML
##	1290	21	IgG1	TRUE	PTM	4.644314e+02	IU/ML
##	1291	21	IgG1	TRUE	1% PFA PT	8.339168e+02	IU/ML
##	1292	21	IgG1	TRUE	PRN	2.838085e+04	IU/ML
##	1293	21	IgG1	TRUE	FHA	1.167085e+04	IU/ML
##	1294	21	IgG1	TRUE	FIM2/3	2.518854e+03	IU/ML
##	1295	21	IgG1	TRUE	TT	1.783002e+04	IU/ML
##	1296	21	IgG1	TRUE	DT	1.176515e+04	IU/ML
##	1297	21	IgG1	TRUE	AVO	8.123435e+02	IU/ML
##	1298	21	IgG1	TRUE	PD1	1.000000e-01	IU/ML
##	1299	21	IgG2	TRUE	ACT	3.979119e+00	IU/ML
##	1300	21	IgG2	TRUE	LOS	2.712020e+00	IU/ML
##	1301	21	IgG2	TRUE	FELD1	1.193182e+00	IU/ML
##	1302	21	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	1303	21	IgG2	TRUE	LOLP1	9.876033e-01	IU/ML
##	1304	21	IgG2	TRUE	Measles	1.537879e+00	IU/ML
##	1305	21	IgG2	TRUE	PTM	8.750000e-01	IU/ML
##	1306	21	IgG2	TRUE	1% PFA PT	3.164007e+00	IU/ML
##	1307	21	IgG2	TRUE	PRN	9.754334e+00	IU/ML
##	1308	21	IgG2	TRUE	FHA	1.379388e+01	IU/ML
##	1309	21	IgG2	TRUE	FIM2/3	1.581775e+01	IU/ML
##	1310	21	IgG2	TRUE	TT	3.825688e+00	IU/ML
##	1311	21	IgG2	TRUE	DT	1.243751e+03	IU/ML
##	1312	21	IgG2	TRUE	OVA	1.959757e+00	IU/ML
##	1313	21	IgG2	TRUE	PD1	6.478039e+00	IU/ML
##	1314	21	IgG3	TRUE	ACT	4.854249e+00	IU/ML
	1315	21	IgG3	TRUE		4.057650e+00	
##	1316	21	IgG3	TRUE		4.100379e-01	
	1317	21	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
	1318	21	IgG3	TRUE	LOLP1	4.379371e-01	IU/ML
	1319	21	IgG3	TRUE		1.296905e+00	
	1320	21	IgG3	TRUE		1.784456e-01	
	1321	21	IgG3			3.596113e-01	
	1322	21	IgG3	TRUE		1.720075e+01	
	1323	21	IgG3	TRUE		2.759572e+01	
	1324	21	IgG3	TRUE		4.011257e-01	
	1325	21	IgG3	TRUE		1.853383e+00	
	1326	21	IgG3	TRUE		1.512429e+01	
	•		<b>5</b> -		- <b>-</b>		

##	1327	21	IgG3	TRUE	AVO	1.502273e+00	IU/ML
##	1328	21	IgG3	TRUE	PD1	1.392344e+00	IU/ML
##	1329	21	IgG4	TRUE	ACT	4.822904e-01	IU/ML
##	1330	21	IgG4	TRUE	LOS	6.042522e+00	IU/ML
##	1331	21	IgG4	TRUE	FELD1	9.580808e+00	IU/ML
##	1332	21	IgG4	TRUE	BETV1	7.681818e-01	IU/ML
##	1333	21	IgG4	TRUE	LOLP1	1.000000e-01	IU/ML
##	1334	21	IgG4	TRUE		4.72222e-01	
	1335	21	IgG4	TRUE		2.346818e+00	-
##	1336	21	IgG4	TRUE		1.000000e-01	
##	1337	21	IgG4	TRUE	PRN	1.462668e+01	IU/ML
##	1338	21	IgG4	TRUE	FHA	1.533302e+00	IU/ML
##	1339	21	IgG4	TRUE	FIM2/3	3.154083e+00	IU/ML
##	1340	21	IgG4	TRUE	TT	1.876497e+00	IU/ML
##	1341	21	IgG4	TRUE	DT	4.480928e+00	IU/ML
##	1342	21	IgG4	TRUE	OVA	9.820976e+01	IU/ML
##	1343	21	IgG4	TRUE	PD1	1.000000e-01	IU/ML
##	1344	30	IgE	FALSE	Total	6.291700e+02	UG/ML
##	1345	30	IgE	FALSE	Total	1.535175e+03	IU/ML
##	1346	30	IgG	TRUE	PT	2.607730e+01	IU/ML
##	1347	30	IgG	TRUE	PRN	3.772473e+02	IU/ML
##	1348	30	IgG	TRUE	FHA	3.912498e+01	IU/ML
##	1349	30	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	1350	30	IgE	TRUE	LOS	1.441558e+00	IU/ML
##	1351	30	IgE	TRUE	FELD1	7.542327e-01	IU/ML
##	1352	30	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	1353	30	IgE	TRUE	LOLP1	8.667047e-01	IU/ML
##	1354	30	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	1355	30	IgE	TRUE	PTM	6.948555e-01	IU/ML
##	1356	30	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	1357	30	IgE	TRUE	PRN	1.772727e+00	IU/ML
##	1358	30	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	1359	30	IgE	TRUE	FIM2/3	3.308905e+00	IU/ML
##	1360	30	IgE	TRUE	TT	2.571502e-01	IU/ML
##	1361	30	IgE	TRUE	DT	1.307563e+00	IU/ML
##	1362	30	IgE	TRUE	AVO	1.000000e-01	IU/ML
##	1363	30	IgG1	TRUE	ACT	1.265282e+03	IU/ML
##	1364	30	IgG1	TRUE	LOS	7.864719e+00	IU/ML
##	1365	30	IgG1	TRUE	FELD1	1.000000e-01	IU/ML
##	1366	30	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	1367	30	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	1368	30	IgG1	TRUE	Measles	4.160570e+01	IU/ML
##	1369	30	IgG1	TRUE	PTM	3.285059e+03	IU/ML
##	1370	30	IgG1	TRUE	1% PFA PT	3.525915e+03	IU/ML
##	1371	30	IgG1	TRUE	PRN	2.407852e+04	IU/ML
##	1372	30	IgG1	TRUE	FHA	1.464622e+04	IU/ML
##	1373	30	IgG1	TRUE	FIM2/3	2.325526e+04	IU/ML
##	1374	30	IgG1	TRUE	TT	2.311094e+04	IU/ML
##	1375	30	IgG1	TRUE	DT	1.753422e+04	IU/ML
##	1376	30	IgG1	TRUE	OVA	2.133818e+02	IU/ML
##	1377	30	IgG1	TRUE	PD1	1.361156e+00	IU/ML
##	1378	30	IgG2	TRUE	ACT	7.636847e+01	IU/ML
##	1379	30	IgG2	TRUE	LOS	1.859671e+01	IU/ML
##	1380	30	IgG2	TRUE	FELD1	2.147727e+00	IU/ML

	1381	30	IgG2	TRUE		4.687500e-01	•
	1382	30	IgG2	TRUE		1.135744e+01	
	1383	30	IgG2	TRUE		1.614773e+01	
	1384	30	IgG2	TRUE		1.079167e+01	•
	1385	30	IgG2			2.689406e+01	
	1386	30	IgG2	TRUE		1.750490e+03	
	1387	30	IgG2	TRUE		2.807241e+02	
	1388	30	IgG2	TRUE		1.696201e+02	
	1389	30	IgG2	TRUE		3.060550e+01	
	1390	30	IgG2	TRUE		1.832960e+03	
	1391	30	IgG2	TRUE	OVA	2.928437e+02	IU/ML
	1392	30	IgG2	TRUE	PD1	5.436925e+01	IU/ML
	1393	30	IgG3	TRUE		4.530632e+00	
	1394	30	IgG3	TRUE	LOS	4.395787e+00	IU/ML
	1395	30	IgG3	TRUE		4.100379e-01	
	1396	30	IgG3	TRUE		1.000000e-01	
##	1397	30	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	1398	30	IgG3	TRUE	Measles	4.323017e-01	IU/ML
##	1399	30	IgG3	TRUE	PTM	8.922279e-01	IU/ML
##	1400	30	IgG3	TRUE	1% PFA PT	1.798056e+00	IU/ML
##	1401	30	IgG3	TRUE	PRN	3.735019e+01	IU/ML
##	1402	30	IgG3	TRUE	FHA	1.472880e+02	IU/ML
##	1403	30	IgG3	TRUE	FIM2/3	2.294439e+02	IU/ML
##	1404	30	IgG3	TRUE	TT	2.493643e+01	IU/ML
##	1405	30	IgG3	TRUE	DT	1.369747e+01	IU/ML
##	1406	30	IgG3	TRUE	AVO	6.438312e-01	IU/ML
##	1407	30	IgG3	TRUE	PD1	9.282297e-01	IU/ML
##	1408	30	IgG4	TRUE	ACT	1.446871e+00	IU/ML
##	1409	30	IgG4	TRUE	LOS	1.000000e-01	IU/ML
##	1410	30	IgG4	TRUE	FELD1	4.562290e-01	IU/ML
##	1411	30	IgG4	TRUE	BETV1	1.280303e+00	IU/ML
##	1412	30	IgG4	TRUE	LOLP1	1.000000e-01	IU/ML
##	1413	30	IgG4	TRUE	Measles	1.000000e-01	IU/ML
##	1414	30	IgG4	TRUE	PTM	2.229477e+01	IU/ML
##	1415	30	IgG4	TRUE	1% PFA PT	2.475990e+01	IU/ML
##	1416	30	IgG4	TRUE	PRN	9.426085e+01	IU/ML
##	1417	30	IgG4	TRUE	FHA	1.683565e+02	IU/ML
##	1418	30	IgG4	TRUE	FIM2/3	6.229314e+02	IU/ML
##	1419	30	IgG4	TRUE		3.551941e+02	
##	1420	30	IgG4	TRUE	DT	8.583467e+02	IU/ML
##	1421	30	IgG4	TRUE	OVA	4.064582e+03	IU/ML
##	1422	30	IgG4	TRUE	PD1	1.000000e-01	IU/ML
##	1423	39	IgE	FALSE	Total	4.917059e+02	UG/ML
##	1424	39	IgE	FALSE	Total	1.199763e+03	IU/ML
##	1425	39	IgG	TRUE	PT	4.106182e+01	IU/ML
##	1426	39	IgG	TRUE	PRN	4.346249e+02	IU/ML
	1427	39	IgG	TRUE		2.586441e+02	
	1428	39	IgE	TRUE		5.920455e-01	
	1429	39	IgE	TRUE		1.441558e+00	
	1430	39	IgE	TRUE		7.542327e-01	
	1431	39	IgE	TRUE		8.730408e-01	
	1432	39	IgE	TRUE		2.253432e+01	
	1433	39	IgE	TRUE		1.000000e-01	
	1434	39	IgE	TRUE		6.948555e-01	
	-		3				

	1435	39	IgE -			1.000000e-01	
	1436	39	IgE -	TRUE		1.181818e+00	
	1437	39	IgE	TRUE		1.684848e+00	
	1438	39	IgE	TRUE		4.411874e+00	
	1439	39	IgE	TRUE		7.714505e-01	
	1440	39	IgE	TRUE		4.707225e+00	
	1441	39	IgE	TRUE		1.000000e-01	
	1442	39	IgG1	TRUE		2.722353e+03	
	1443	39	IgG1	TRUE		6.908009e+00	•
	1444	39	IgG1	TRUE		4.646060e-01	
	1445	39	IgG1	TRUE		1.000000e-01	
	1446	39	IgG1	TRUE		1.000000e-01	
	1447	39	IgG1	TRUE	Measles	4.027363e+01	IU/ML
	1448	39	IgG1	TRUE	PTM	3.366447e+03	IU/ML
	1449	39	IgG1	TRUE	1% PFA PT	4.883491e+03	IU/ML
	1450	39	IgG1	TRUE	PRN	2.401668e+04	IU/ML
##	1451	39	IgG1	TRUE	FHA	2.909564e+04	IU/ML
##	1452	39	IgG1	TRUE	FIM2/3	5.877329e+04	IU/ML
##	1453	39	IgG1	TRUE	TT	2.034187e+04	IU/ML
##	1454	39	IgG1	TRUE	DT	1.848733e+04	IU/ML
##	1455	39	IgG1	TRUE	OVA	8.992792e+01	IU/ML
##	1456	39	IgG1	TRUE	PD1	2.298741e+00	IU/ML
##	1457	39	IgG2	TRUE	ACT	8.356150e+01	IU/ML
##	1458	39	IgG2	TRUE	LOS	1.937157e+00	IU/ML
##	1459	39	IgG2	TRUE	FELD1	2.386364e-01	IU/ML
##	1460	39	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	1461	39	IgG2	TRUE	LOLP1	1.481405e+00	IU/ML
##	1462	39	IgG2	TRUE	Measles	7.689394e-01	IU/ML
##	1463	39	IgG2	TRUE	PTM	1.458333e+01	IU/ML
##	1464	39	IgG2	TRUE	1% PFA PT	2.467925e+01	IU/ML
##	1465	39	IgG2	TRUE	PRN	9.985793e+01	IU/ML
##	1466	39	IgG2	TRUE	FHA	1.606055e+03	IU/ML
##	1467	39	IgG2	TRUE	FIM2/3	4.058767e+02	IU/ML
##	1468	39	IgG2	TRUE	TT	1.912844e+01	IU/ML
##	1469	39	IgG2	TRUE	DT	8.206045e+02	IU/ML
##	1470	39	IgG2	TRUE	OVA	4.731413e+01	IU/ML
##	1471	39	IgG2	TRUE	PD1	2.313585e+00	IU/ML
##	1472	39	IgG3	TRUE	ACT	3.588908e+02	IU/ML
##	1473	39	IgG3	TRUE		9.805987e+00	
##	1474	39	IgG3	TRUE	FELD1	1.230114e+00	IU/ML
##	1475	39	IgG3	TRUE	BETV1	2.165775e+00	IU/ML
##	1476	39	IgG3	TRUE	LOLP1	2.189685e+00	IU/ML
	1477	39	IgG3	TRUE		5.836074e+00	
##	1478	39	IgG3	TRUE		8.743834e+00	
##	1479	39	IgG3	TRUE	1% PFA PT	1.438445e+01	IU/ML
##	1480	39	IgG3	TRUE	PRN	8.141686e+01	IU/ML
	1481	39	IgG3	TRUE		1.033011e+03	
	1482	39	IgG3	TRUE		1.931420e+02	
	1483	39	IgG3	TRUE		2.864320e+01	
	1484	39	IgG3	TRUE		4.052169e+02	
	1485	39	IgG3	TRUE		1.652500e+01	
	1486	39	IgG3	TRUE		2.784689e+00	
	1487	39	IgG4	TRUE		8.681228e+00	
	1488	39	IgG4	TRUE		4.648094e-01	
			S		_55		,

	1489	39	IgG4	TRUE		1.000000e-01	
	1490	39	IgG4	TRUE		1.000000e-01	
	1491	39	IgG4	TRUE		1.252525e+01	
	1492	39	IgG4	TRUE		4.72222e-01	
	1493	39	IgG4	TRUE		8.272534e+01	•
	1494	39	IgG4			1.217113e+02	
	1495	39	IgG4	TRUE		2.491954e+01	
	1496	39	IgG4	TRUE		3.552660e+03	
	1497	39	IgG4	TRUE	•	6.150462e+01	-
	1498	39	IgG4	TRUE		1.643275e+02	
	1499	39	IgG4	TRUE		2.562593e+03	
	1500	39	IgG4	TRUE		2.737394e+03	
	1501	39	IgG4	TRUE		1.000000e-01	
##	1502	48	IgE	FALSE	Total	2.451561e+02	UG/ML
##	1503	48	IgE	FALSE	Total	5.981810e+02	IU/ML
	1504	48	IgG	TRUE	PT	3.209682e+00	IU/ML
##	1505	48	${\tt IgG}$	TRUE	PRN	1.088675e+01	IU/ML
##	1506	48	${\tt IgG}$	TRUE	FHA	2.132080e+01	IU/ML
##	1507	48	IgE	TRUE	ACT	2.693807e+01	IU/ML
##	1508	48	IgE	TRUE	LOS	2.471552e+03	IU/ML
##	1509	48	IgE	TRUE	FELD1	7.719948e+03	IU/ML
##	1510	48	IgE	TRUE	BETV1	8.730408e-01	IU/ML
##	1511	48	IgE	TRUE	LOLP1	2.903461e+01	IU/ML
##	1512	48	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	1513	48	IgE	TRUE	PTM	6.253700e+00	IU/ML
##	1514	48	IgE	TRUE	1% PFA PT	5.998301e+00	IU/ML
##	1515	48	IgE	TRUE	PRN	1.181818e+00	IU/ML
##	1516	48	IgE	TRUE	FHA	3.369697e+00	IU/ML
##	1517	48	IgE	TRUE	FIM2/3	5.147186e+01	IU/ML
##	1518	48	IgE	TRUE	TT	1.285751e+00	IU/ML
##	1519	48	IgE	TRUE	DT	1.150655e+01	IU/ML
##	1520	48	IgE	TRUE	AVO	1.000000e-01	IU/ML
##	1521	48	IgG1	TRUE	ACT	1.039876e+03	IU/ML
##	1522	48	IgG1	TRUE	LOS	3.770366e+03	IU/ML
##	1523	48	IgG1	TRUE	FELD1	8.617538e+03	IU/ML
##	1524	48	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	1525	48	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	1526	48	IgG1	TRUE	Measles	4.826605e+01	IU/ML
##	1527	48	IgG1	TRUE	PTM	1.908321e+01	IU/ML
##	1528	48	IgG1	TRUE	1% PFA PT	3.203927e+01	IU/ML
##	1529	48	IgG1	TRUE	PRN	1.663723e+02	IU/ML
##	1530	48	IgG1	TRUE	FHA	5.262690e+03	IU/ML
##	1531	48	IgG1	TRUE	FIM2/3	3.953023e+03	IU/ML
##	1532	48	IgG1	TRUE	TT	1.023156e+04	IU/ML
##	1533	48	IgG1	TRUE	DT	2.204606e+03	IU/ML
##	1534	48	IgG1	TRUE	AVO	1.987851e+02	IU/ML
##	1535	48	IgG1	TRUE	PD1	1.000000e-01	IU/ML
	1536	48	IgG2	TRUE		2.111994e+01	
	1537	48	IgG2	TRUE		6.160159e+01	
	1538	48	IgG2	TRUE		1.379318e+02	
	1539	48	IgG2	TRUE		1.000000e-01	
	1540	48	IgG2	TRUE		9.876033e-01	
	1541	48	IgG2	TRUE		1.153409e+00	
	1542	48	IgG2	TRUE		5.833333e-01	
			<u> </u>				•

	1543	48	IgG2			1.740204e+00	
	1544	48	IgG2	TRUE		1.983932e+00	
##	1545	48	IgG2	TRUE	FHA	7.344309e+01	IU/ML
##	1546	48	IgG2	TRUE	FIM2/3	8.682935e+01	IU/ML
##	1547	48	IgG2	TRUE	TT	1.498394e+01	IU/ML
##	1548	48	IgG2	TRUE	DT	1.083352e+03	IU/ML
##	1549	48	IgG2	TRUE	AVO	1.058269e+02	IU/ML
##	1550	48	IgG2	TRUE	PD1	2.313585e+00	IU/ML
##	1551	48	IgG3	TRUE	ACT	2.572752e+01	IU/ML
##	1552	48	IgG3	TRUE	LOS	6.255543e+00	IU/ML
##	1553	48	IgG3	TRUE	FELD1	1.291619e+01	IU/ML
##	1554	48	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	1555	48	IgG3	TRUE	LOLP1	4.379371e-01	IU/ML
##	1556	48	IgG3	TRUE	Measles	1.296905e+00	IU/ML
##	1557	48	IgG3	TRUE	PTM	5.353368e-01	IU/ML
##	1558	48	IgG3	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	1559	48	IgG3	TRUE	PRN	1.752838e+01	IU/ML
##	1560	48	IgG3	TRUE	FHA	1.682341e+02	IU/ML
##	1561	48	IgG3	TRUE	FIM2/3	2.406754e+00	IU/ML
##	1562	48	IgG3	TRUE	TT	1.853383e+00	IU/ML
##	1563	48	IgG3	TRUE	DT	1.626575e+01	IU/ML
##	1564	48	IgG3	TRUE		2.596786e+01	
##	1565	48	IgG3	TRUE		2.784689e+00	
	1566	48	IgG4	TRUE		3.134888e+00	
	1567	48	IgG4	TRUE		1.234069e+03	
	1568	48	IgG4	TRUE		2.377409e+03	
	1569	48	IgG4	TRUE		7.681818e-01	•
	1570	48	IgG4	TRUE		1.043771e+00	
	1571	48	IgG4	TRUE		2.361111e+00	
	1572	48	IgG4	TRUE		3.520227e+00	
	1573	48	IgG4			5.071306e+00	•
	1574	48	IgG4	TRUE		2.708645e+00	
	1575	48	IgG4	TRUE		1.714231e+02	•
	1576	48	IgG4	TRUE		3.706048e+01	•
	1577	48	IgG4	TRUE	• -	8.546103e+02	
	1578	48	IgG4	TRUE		1.044803e+03	
	1579	48	IgG4	TRUE		1.680662e+04	
	1580	48	IgG4	TRUE		9.434343e-01	-
	1581	57	IgE	FALSE		6.867875e+02	
	1582	57	IgE	FALSE		1.675762e+03	
	1583	57	IgG	TRUE		4.107241e+01	
	1584	57	IgG	TRUE		8.814238e+02	
	1585	57	IgG	TRUE		1.185769e+02	
	1586	57	IgE	TRUE		1.000000e-01	
	1587	57	IgE	TRUE		1.441558e+00	
	1588	57	IgE	TRUE		7.542327e-01	
				TRUE		1.000000e-01	
	1589 1590	57 57	IgE	TRUE		8.667047e-01	
			IgE			1.000000e-01	
	1591	57 57	IgE	TRUE			
	1592	57 57	IgE	TRUE		6.948555e-01	
	1593	57	IgE			1.000000e-01	
	1594	57 57	IgE	TRUE		1.772727e+00	
	1595	57	IgE	TRUE		1.000000e-01	
##	1596	57	IgE	TRUE	F1M2/3	7.353123e+00	TU/ML

	1597	57	IgE	TRUE		1.285751e+00	
	1598	57	IgE	TRUE		1.569075e+00	
	1599	57	IgE	TRUE		1.000000e-01	
	1600	57	IgG1	TRUE		3.131797e+01	
	1601	57	IgG1	TRUE	LOS	1.536364e+00	IU/ML
	1602	57	IgG1	TRUE		6.309524e+00	
##	1603	57	IgG1	TRUE		1.000000e-01	
	1604	57	IgG1	TRUE	LOLP1	9.073427e-01	IU/ML
##	1605	57	IgG1	TRUE		2.633122e+01	-
	1606	57	IgG1	TRUE	PTM	6.214563e+02	IU/ML
	1607	57	IgG1	TRUE	1% PFA PT	7.624371e+02	IU/ML
	1608	57	IgG1	TRUE	PRN	1.422281e+04	IU/ML
	1609	57	IgG1	TRUE	FHA	9.529387e+03	IU/ML
	1610	57	IgG1	TRUE	FIM2/3	4.548182e+04	IU/ML
##	1611	57	IgG1	TRUE	TT	1.616748e+04	IU/ML
##	1612	57	IgG1	TRUE	DT	4.799935e+03	IU/ML
	1613	57	IgG1	TRUE	AVO	1.000000e-01	IU/ML
##	1614	57	IgG1	TRUE	PD1	4.786988e+00	IU/ML
##	1615	57	IgG2	TRUE	ACT	1.331474e+02	IU/ML
##	1616	57	IgG2	TRUE	LOS	1.704698e+01	IU/ML
##	1617	57	IgG2	TRUE	FELD1	4.772727e-01	IU/ML
##	1618	57	IgG2	TRUE	BETV1	4.687500e-01	IU/ML
##	1619	57	IgG2	TRUE	LOLP1	4.938017e-01	IU/ML
##	1620	57	IgG2	TRUE	Measles	2.306818e+00	IU/ML
##	1621	57	IgG2	TRUE	PTM	1.750000e+00	IU/ML
##	1622	57	IgG2	TRUE	1% PFA PT	6.644414e+00	IU/ML
##	1623	57	IgG2	TRUE	PRN	4.463848e+01	IU/ML
##	1624	57	IgG2	TRUE	FHA	4.645182e+02	IU/ML
##	1625	57	IgG2	TRUE	FIM2/3	7.013657e+02	IU/ML
##	1626	57	IgG2	TRUE	TT	3.761927e+01	IU/ML
##	1627	57	IgG2	TRUE	DT	1.069800e+03	IU/ML
##	1628	57	IgG2	TRUE	AVO	1.119861e+00	IU/ML
##	1629	57	IgG2	TRUE	PD1	4.164454e+00	IU/ML
##	1630	57	IgG3	TRUE	ACT	2.059820e+02	IU/ML
##	1631	57	IgG3	TRUE	LOS	1.690687e+00	IU/ML
##	1632	57	IgG3	TRUE	FELD1	1.000000e-01	IU/ML
##	1633	57	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	1634	57	IgG3	TRUE	LOLP1	6.569056e-01	IU/ML
##	1635	57	IgG3	TRUE	Measles	4.323017e-01	IU/ML
##	1636	57	IgG3	TRUE	PTM	5.353368e-01	IU/ML
##	1637	57	IgG3	TRUE	1% PFA PT	3.596113e-01	IU/ML
##	1638	57	IgG3	TRUE	PRN	7.863198e+00	IU/ML
##	1639	57	IgG3	TRUE	FHA	5.386152e+01	IU/ML
##	1640	57	IgG3	TRUE	FIM2/3	6.418012e+01	IU/ML
##	1641	57	IgG3	TRUE	TT	5.391661e+00	IU/ML
##	1642	57	IgG3	TRUE	DT	1.027310e+01	IU/ML
##	1643	57	IgG3	TRUE	AVO	1.073052e+00	IU/ML
##	1644	57	IgG3	TRUE	PD1	1.856459e+00	IU/ML
##	1645	57	IgG4	TRUE	ACT	4.822904e+00	IU/ML
##	1646	57	IgG4	TRUE	LOS	2.788856e+00	IU/ML
##	1647	57	IgG4	TRUE	FELD1	2.281145e+00	IU/ML
##	1648	57	IgG4	TRUE	BETV1	2.048485e+00	IU/ML
##	1649	57	IgG4	TRUE	LOLP1	8.350168e-01	IU/ML
##	1650	57	IgG4	TRUE	Measles	2.833333e+00	IU/ML

##	1651	57	IgG4	TRUE	PTM	8.213863e+00	IU/ML
##	1652	57	IgG4	TRUE	1% PFA PT	1.133586e+01	IU/ML
##	1653	57	IgG4	TRUE	PRN	1.044995e+03	IU/ML
##	1654	57	IgG4	TRUE	FHA	2.198754e+02	IU/ML
##	1655	57	IgG4	TRUE	FIM2/3	8.744696e+02	IU/ML
##	1656	57	IgG4	TRUE	TT	4.235254e+03	IU/ML
##	1657	57	IgG4	TRUE	DT	1.245325e+04	IU/ML
##	1658	57	IgG4	TRUE		5.832900e+02	
##	1659	57	IgG4	TRUE	PD1	2.122727e+00	IU/ML
##	1660	72	IgE	FALSE	Total	1.721564e+03	UG/ML
##	1661	72	IgE	FALSE	Total	4.200616e+03	IU/ML
##	1662	72	${\tt IgG}$	TRUE	PT	6.419504e+00	IU/ML
##	1663	72	${\tt IgG}$	TRUE	PRN	2.872214e+02	IU/ML
##	1664	72	${\tt IgG}$	TRUE	FHA	3.572994e+01	IU/ML
##	1665	72	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	1666	72	IgE	TRUE	LOS	4.805195e-01	IU/ML
##	1667	72	IgE	TRUE	FELD1	1.000000e-01	IU/ML
##	1668	72	IgE	TRUE	BETV1	8.730408e-01	IU/ML
##	1669	72	IgE	TRUE	LOLP1	1.300057e+00	IU/ML
##	1670	72	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	1671	72	IgE	TRUE	PTM	2.084567e+00	IU/ML
##	1672	72	IgE	TRUE	1% PFA PT	7.497876e-01	IU/ML
##	1673	72	IgE	TRUE	PRN	2.068182e+00	IU/ML
##	1674	72	IgE	TRUE	FHA	5.054545e+00	IU/ML
##	1675	72	IgE	TRUE	FIM2/3	4.411874e+00	IU/ML
##	1676	72	IgE	TRUE	TT	2.314351e+00	IU/ML
##	1677	72	IgE	TRUE	DT	1.673680e+01	IU/ML
##	1678	72	IgE	TRUE	AVO	1.000000e-01	IU/ML
##	1679	72	IgG1	TRUE	ACT	6.296792e+02	IU/ML
##	1680	72	IgG1	TRUE	LOS	1.406926e+00	IU/ML
##	1681	72	IgG1	TRUE	FELD1	1.000000e-01	IU/ML
##	1682	72	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	1683	72	IgG1	TRUE	LOLP1	1.730375e+01	IU/ML
##	1684	72	IgG1	TRUE	Measles	1.762843e+01	IU/ML
##	1685	72	IgG1	TRUE	PTM	1.000000e-01	IU/ML
##	1686	72	IgG1	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	1687	72	IgG1	TRUE	PRN	3.277328e+02	IU/ML
##	1688	72	IgG1	TRUE	FHA	3.342931e+03	IU/ML
##	1689	72	IgG1	TRUE	FIM2/3	3.633727e+03	IU/ML
##	1690	72	IgG1	TRUE	TT	6.204033e+03	IU/ML
##	1691	72	IgG1	TRUE	DT	6.302360e+03	IU/ML
##	1692	72	IgG1	TRUE	AVO	1.199610e+01	IU/ML
##	1693	72	IgG1	TRUE	PD1	1.000000e-01	IU/ML
##	1694	72	IgG2	TRUE	ACT	6.886937e+01	IU/ML
##	1695	72	IgG2	TRUE	LOS	3.486882e+00	IU/ML
##	1696	72	IgG2	TRUE	FELD1	2.386364e-01	IU/ML
##	1697	72	IgG2	TRUE	BETV1	9.375000e-01	IU/ML
##	1698	72	IgG2	TRUE	LOLP1	1.728306e+00	IU/ML
##	1699	72	IgG2	TRUE	Measles	1.153409e+00	IU/ML
	1700	72	IgG2	TRUE		8.750000e-01	
	1701	72	IgG2	TRUE		2.214805e+00	
	1702	72	IgG2	TRUE		7.935729e+00	
	1703	72	IgG2	TRUE		7.903521e+01	
	1704	72	IgG2	TRUE		4.492914e+01	
			<del>-</del>		•		•

	1705	72	IgG2	TRUE		2.980849e+01	
##	1706	72	IgG2	TRUE	DT	1.910429e+03	IU/ML
##	1707	72	IgG2	TRUE	AVO	1.847771e+01	IU/ML
##	1708	72	IgG2	TRUE	PD1	7.403473e+00	IU/ML
##	1709	72	IgG3	TRUE		1.116477e+01	
##	1710	72	IgG3	TRUE	LOS	2.028825e+00	IU/ML
##	1711	72	IgG3	TRUE	FELD1	4.100379e-01	IU/ML
##	1712	72	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	1713	72	IgG3	TRUE	LOLP1	1.156154e+02	IU/ML
##	1714	72	IgG3	TRUE	Measles	1.513056e+00	IU/ML
##	1715	72	IgG3	TRUE	PTM	1.784456e-01	IU/ML
##	1716	72	IgG3	TRUE	1% PFA PT	3.596113e-01	IU/ML
##	1717	72	IgG3	TRUE	PRN	6.372467e+01	IU/ML
##	1718	72	IgG3	TRUE	FHA	7.979485e+00	IU/ML
##	1719	72	IgG3	TRUE	FIM2/3	6.165303e+02	IU/ML
##	1720	72	IgG3	TRUE	TT	2.021873e+00	IU/ML
##	1721	72	IgG3	TRUE	DT	1.558088e+02	IU/ML
##	1722	72	IgG3	TRUE	OVA	7.082143e+00	IU/ML
##	1723	72	IgG3	TRUE	PD1	1.392344e+00	IU/ML
	1724	72	IgG4	TRUE		2.049734e+01	
##	1725	72	IgG4	TRUE		5.577713e+00	
	1726	72	IgG4	TRUE		4.562290e+00	
	1727	72	IgG4	TRUE		4.353030e+00	
	1728	72	IgG4	TRUE		3.757576e+00	
	1729	72	IgG4	TRUE		4.72222e+00	
	1730	72	IgG4	TRUE		2.346818e+01	
	1731	72	IgG4			2.983121e+01	
	1732	72	IgG4	TRUE		4.658870e+02	
	1733	72	IgG4	TRUE		2.201514e+03	
	1734	72	IgG4	TRUE		9.895936e+01	
	1735	72	IgG4	TRUE		5.381257e+03	
	1736	72	IgG4	TRUE		1.133575e+04	
	1737	72	IgG4	TRUE		7.964215e+03	
	1738	72	IgG4	TRUE		2.358586e+00	
	1739	79	IgE	FALSE		2.901061e+02	
	1740	79	IgE	FALSE		7.078588e+02	
	1741	79	IgG	TRUE		5.360000e-01	
	1742	79	=	TRUE		9.411465e+00	•
	1743	79	IgG IgC	TRUE		5.916982e+00	
	1744	79	IgG	TRUE		1.000000e-01	
	1745	79	IgE	TRUE		1.922078e+00	
			IgE				
	1746	79 70	IgE	TRUE		1.508465e+00	
	1747 1748	79 70	IgE	TRUE		8.730408e-01 8.667047e-01	
		79 70	IgE	TRUE			
	1749	79	IgE	TRUE		1.000000e-01	
	1750	79	IgE	TRUE		1.389711e+00	
	1751	79 70	IgE			1.000000e-01	
	1752	79	IgE	TRUE		5.909091e-01	
	1753	79	IgE	TRUE		1.000000e-01	
	1754	79	IgE	TRUE		1.000000e-01	
	1755	79	IgE	TRUE		7.714505e-01	
	1756	79	IgE 	TRUE		1.000000e-01	
	1757	79	IgE	TRUE		1.00000e-01	
##	1758	79	IgG1	TRUE	ACT	5.621133e+01	IU/ML

	1759	79	IgG1	TRUE		1.406926e+00	
	1760	79	IgG1	TRUE		1.000000e-01	
	1761	79	IgG1	TRUE		1.000000e-01	
	1762	79	IgG1	TRUE		1.000000e-01	
	1763	79	IgG1	TRUE		6.439033e+00	
	1764	79	IgG1	TRUE		1.000000e-01	
	1765	79	IgG1	TRUE	1% PFA PT	1.000000e-01	IU/ML
	1766	79	IgG1	TRUE		1.247051e+02	
	1767	79	IgG1	TRUE		2.821840e+02	•
	1768	79	IgG1	TRUE		2.451145e+02	
	1769	79	IgG1	TRUE		1.539427e+04	
	1770	79	IgG1	TRUE		5.190268e+03	
	1771	79	IgG1	TRUE		1.207792e-01	
##	1772	79	IgG1	TRUE	PD1	1.000000e-01	IU/ML
##	1773	79	IgG2	TRUE	ACT	3.917902e+01	IU/ML
	1774	79	IgG2	TRUE	LOS	2.324588e+00	IU/ML
##	1775	79	IgG2	TRUE	FELD1	1.193182e+00	IU/ML
##	1776	79	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	1777	79	IgG2	TRUE	LOLP1	4.938017e-01	IU/ML
##	1778	79	IgG2	TRUE	Measles	1.000000e-01	IU/ML
##	1779	79	IgG2	TRUE	PTM	1.000000e-01	IU/ML
##	1780	79	IgG2	TRUE	1% PFA PT	1.898404e+00	IU/ML
##	1781	79	IgG2	TRUE	PRN	2.975899e+00	IU/ML
##	1782	79	IgG2	TRUE	FHA	3.243426e+01	IU/ML
##	1783	79	IgG2	TRUE	FIM2/3	6.730957e+00	IU/ML
##	1784	79	IgG2	TRUE	TT	3.985092e+00	IU/ML
##	1785	79	IgG2	TRUE	DT	1.901731e+03	IU/ML
##	1786	79	IgG2	TRUE	AVO	7.839027e+00	IU/ML
##	1787	79	IgG2	TRUE	PD1	9.022983e+00	IU/ML
##	1788	79	IgG3	TRUE	ACT	2.864007e+01	IU/ML
##	1789	79	IgG3	TRUE	LOS	4.733925e+00	IU/ML
##	1790	79	IgG3	TRUE	FELD1	1.640152e+00	IU/ML
##	1791	79	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	1792	79	IgG3	TRUE	LOLP1	4.379371e-01	IU/ML
##	1793	79	IgG3	TRUE	Measles	5.187621e+00	IU/ML
##	1794	79	IgG3	TRUE	PTM	2.319793e+00	IU/ML
##	1795	79	IgG3	TRUE	1% PFA PT	1.977862e+00	IU/ML
##	1796	79	IgG3	TRUE	PRN	2.948699e+00	IU/ML
##	1797	79	IgG3	TRUE	FHA	7.514015e+01	IU/ML
##	1798	79	IgG3	TRUE	FIM2/3	2.406754e+00	IU/ML
##	1799	79	IgG3	TRUE	TT	5.391661e+00	IU/ML
##	1800	79	IgG3	TRUE	DT	1.035015e+03	IU/ML
##	1801	79	IgG3	TRUE	OVA	2.360714e+00	IU/ML
##	1802	79	IgG3	TRUE	PD1	2.320574e+00	IU/ML
##	1803	79	IgG4	TRUE	ACT	9.645809e-01	IU/ML
##	1804	79	IgG4	TRUE	LOS	3.253666e+00	IU/ML
##	1805	79	IgG4	TRUE	FELD1	2.737374e+00	IU/ML
##	1806	79	IgG4	TRUE	BETV1	2.816667e+00	IU/ML
##	1807	79	IgG4	TRUE	LOLP1	1.252525e+00	IU/ML
##	1808	79	IgG4	TRUE	Measles	1.416667e+00	IU/ML
##	1809	79	IgG4	TRUE	PTM	1.173409e+00	IU/ML
##	1810	79	IgG4	TRUE	1% PFA PT	3.579745e+00	IU/ML
##	1811	79	IgG4	TRUE	PRN	4.062968e+00	IU/ML
##	1812	79	IgG4	TRUE	FHA	7.053187e+00	IU/ML

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	1813	79 70	IgG4	TRUE FIM2/3 1.025077e+01	
	1814	79	IgG4	TRUE TT 3.511730e+01	
	1815	79	IgG4	TRUE DT 2.959902e+02	
	1816	79	IgG4	TRUE OVA 4.345104e+03	
	1817	79	IgG4	TRUE PD1 1.415152e+00	
	1818	5	IgE	FALSE Total 1.092194e+03	
	1819	5	IgE	FALSE Total 2.664953e+03	
	1820	5	$\operatorname{IgG}$	TRUE PT 1.995177e+02	IU/ML
	1821	5	$\operatorname{IgG}$	TRUE PRN 9.776086e+02	IU/ML
##	1822	5	$\operatorname{IgG}$	TRUE FHA 6.400000e-02	IU/ML
##	1823	5	IgE	TRUE ACT 5.920455e-01	IU/ML
##	1824	5	IgE	TRUE LOS 3.459740e+01	IU/ML
##	1825	5	IgE	TRUE FELD1 1.191688e+02	IU/ML
##	1826	5	IgE	TRUE BETV1 1.091301e+01	IU/ML
##	1827	5	IgE	TRUE LOLP1 1.040046e+01	IU/ML
##	1828	5	IgE	TRUE Measles 1.000000e-01	IU/ML
##	1829	5	IgE	TRUE PTM 1.000000e-01	IU/ML
##	1830	5	IgE	TRUE 1% PFA PT 1.000000e-01	IU/ML
##	1831	5	IgE	TRUE PRN 1.772727e+00	IU/ML
##	1832	5	IgE	TRUE FHA 1.000000e-01	IU/ML
##	1833	5	IgE	TRUE FIM2/3 3.676562e+00	IU/ML
##	1834	5	IgE	TRUE TT 7.714505e-01	IU/ML
##	1835	5	IgE	TRUE DT 1.569075e+00	IU/ML
##	1836	5	IgE	TRUE OVA 1.000000e-01	IU/ML
##	1837	5	IgG1	TRUE ACT 2.512227e+02	IU/ML
##	1838	5	IgG1	TRUE LOS 1.408333e+01	IU/ML
##	1839	5	IgG1	TRUE FELD1 1.940891e+00	IU/ML
##	1840	5	IgG1	TRUE BETV1 1.000000e-01	IU/ML
##	1841	5	IgG1	TRUE LOLP1 1.000000e-01	IU/ML
##	1842	5	IgG1	TRUE Measles 3.228120e+01	IU/ML
##	1843	5	IgG1	TRUE PTM 1.396482e+04	IU/ML
##	1844	5	IgG1	TRUE 1% PFA PT 1.523285e+04	IU/ML
##	1845	5	IgG1	TRUE PRN 2.669320e+04	IU/ML
##	1846	5	IgG1	TRUE FHA 3.633665e+04	IU/ML
	1847	5	IgG1	TRUE FIM2/3 9.362726e+04	
	1848	5	IgG1	TRUE TT 2.504746e+04	
	1849	5	IgG1	TRUE DT 2.183900e+04	
	1850	5	IgG1	TRUE OVA 1.447013e+01	
	1851	5	IgG1	TRUE PD1 4.173910e+00	
	1852	5	IgG2	TRUE ACT 3.917902e+01	
	1853	5	IgG2	TRUE LOS 1.704698e+01	
	1854	5	IgG2	TRUE FELD1 1.000000e-01	
	1855	5	IgG2	TRUE BETV1 1.000000e-01	
	1856	5	IgG2	TRUE LOLP1 1.481405e+00	
	1857	5	IgG2	TRUE Measles 1.153409e+00	
	1858	5	IgG2	TRUE PTM 1.750000e+00	
	1859	5	IgG2	TRUE 1% PFA PT 6.644414e+00	
	1860	5	IgG2	TRUE PRN 1.378833e+02	
	1861	5	IgG2	TRUE FHA 2.585421e+02	
	1862	5	IgG2	TRUE FIM2/3 6.463401e+02	
	1863	5	IgG2	TRUE TT 1.052064e+01	
	1864	5	IgG2	TRUE DT 5.400577e+02	
	1865	5	IgG2	TRUE OVA 9.084873e+01	
	1866	5	IgG2	TRUE PD1 6.015322e+00	
	_000	O	-542	1102 111 0.0100220.00	,

	4007	_	T 00	TD177	TTT /24T
	1867	5	IgG3	TRUE ACT 2.912549e+00	
	1868	5	IgG3	TRUE LOS 1.352550e+00	
	1869	5	IgG3	TRUE FELD1 1.000000e-01	
	1870	5	IgG3	TRUE BETV1 1.000000e-01	
	1871	5	IgG3	TRUE LOLP1 1.313811e+00	
	1872	5	IgG3	TRUE Measles 1.296905e+00	
	1873	5	IgG3	TRUE PTM 8.743834e+00	
	1874	5	IgG3	TRUE 1% PFA PT 5.753781e+00	
	1875	5	IgG3	TRUE PRN 2.521793e+03	
	1876	5	IgG3	TRUE FHA 2.460341e+01	
	1877	5	IgG3	TRUE FIM2/3 7.140038e+01	
	1878	5	IgG3	TRUE TT 5.020984e+01	
	1879	5	IgG3	TRUE DT 9.559694e+01	
##	1880	5	IgG3	TRUE OVA 7.511364e+00	
##	1881	5	IgG3	TRUE PD1 1.392344e+00	IU/ML
	1882	5	IgG4	TRUE ACT 4.581759e+00	
##	1883	5	IgG4	TRUE LOS 4.369208e+01	IU/ML
##	1884	5	IgG4	TRUE FELD1 8.896465e+01	IU/ML
##	1885	5	IgG4	TRUE BETV1 6.145455e+00	IU/ML
##	1886	5	IgG4	TRUE LOLP1 4.175084e-01	IU/ML
##	1887	5	IgG4	TRUE Measles 4.722222e-01	IU/ML
##	1888	5	IgG4	TRUE PTM 1.114739e+01	IU/ML
##	1889	5	IgG4	TRUE 1% PFA PT 1.133586e+01	IU/ML
##	1890	5	IgG4	TRUE PRN 6.397820e+02	IU/ML
##	1891	5	IgG4	TRUE FHA 2.585146e+02	IU/ML
##	1892	5	IgG4	TRUE FIM2/3 9.131071e+02	IU/ML
##	1893	5	IgG4	TRUE TT 7.465777e+02	IU/ML
##	1894	5	IgG4	TRUE DT 3.430151e+03	IU/ML
##	1895	5	IgG4	TRUE OVA 5.406149e+03	IU/ML
##	1896	5	IgG4	TRUE PD1 1.000000e-01	IU/ML
##	1897	22	IgE	FALSE Total 3.162073e+02	UG/ML
##	1898	22	IgE	FALSE Total 7.715459e+02	IU/ML
##	1899	22	IgG	TRUE PT 1.178683e+02	IU/ML
	1900	22	$_{ m IgG}$	TRUE PRN 1.337108e+03	IU/ML
##	1901	22	$_{ m IgG}$	TRUE FHA 6.400000e-02	IU/ML
##	1902	22	IgE	TRUE ACT 1.000000e-01	IU/ML
##	1903	22	IgE	TRUE LOS 3.363636e+00	IU/ML
##	1904	22	IgE	TRUE FELD1 4.525396e+00	IU/ML
	1905	22	IgE	TRUE BETV1 8.730408e-01	
	1906	22	IgE	TRUE LOLP1 1.000000e-01	
	1907	22	IgE	TRUE Measles 1.000000e-01	
	1908	22	IgE	TRUE PTM 1.389711e+00	
	1909	22	IgE	TRUE 1% PFA PT 1.000000e-01	
	1910	22	IgE	TRUE PRN 2.954545e-01	
	1911	22	IgE	TRUE FHA 1.000000e-01	
	1912	22	IgE	TRUE FIM2/3 3.676562e+00	
	1913	22	IgE	TRUE TT 7.714505e-01	
	1914	22	IgE	TRUE DT 5.230250e-01	
	1915	22	IgE	TRUE	
	1916	22	IgG1	TRUE ACT 1.635348e+02	
	1917	22	IgG1	TRUE LOS 6.933333e+01	
	1918	22	IgG1	TRUE FELD1 2.415911e+02	
	1919	22	IgG1	TRUE BETV1 1.000000e-01	
	1920	22	IgG1	TRUE LOLP1 1.000000e-01	
ππ	1020	22	1801	Those Loss 1.000000e 01	±0/11L

	1921	22	IgG1	TRUE		3.148196e+01	
	1922	22	IgG1	TRUE		6.288876e+03	
	1923	22	IgG1			8.286613e+03	
	1924	22	IgG1	TRUE		3.005682e+04	
	1925	22	IgG1	TRUE		2.804236e+04	
	1926	22	IgG1	TRUE		7.954211e+04	
	1927	22	IgG1	TRUE		2.319363e+04	•
	1928	22	IgG1	TRUE		1.874293e+04	
	1929	22	IgG1	TRUE		6.136792e+02	•
	1930	22	IgG1	TRUE		6.049080e+00	
	1931	22	IgG2	TRUE		3.673033e+00	
	1932	22	IgG2	TRUE		2.130872e+00	
	1933	22	IgG2	TRUE	FELD1	2.386364e-01	IU/ML
	1934	22	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
	1935	22	IgG2	TRUE	LOLP1	9.876033e-01	IU/ML
	1936	22	IgG2	TRUE	Measles	7.689394e-01	IU/ML
##	1937	22	IgG2	TRUE	PTM	5.833333e-01	IU/ML
##	1938	22	IgG2	TRUE	1% PFA PT	3.164007e+00	IU/ML
##	1939	22	IgG2	TRUE	PRN	7.274419e+00	IU/ML
##	1940	22	IgG2	TRUE	FHA	1.379388e+01	IU/ML
##	1941	22	IgG2	TRUE	FIM2/3	5.149182e+01	IU/ML
##	1942	22	IgG2	TRUE	TT	3.188073e+00	IU/ML
##	1943	22	IgG2	TRUE	DT	1.077890e+03	IU/ML
##	1944	22	IgG2	TRUE	AVO	1.399826e+00	IU/ML
##	1945	22	IgG2	TRUE	PD1	4.627171e+00	IU/ML
##	1946	22	IgG3	TRUE	ACT	8.252223e+00	IU/ML
##	1947	22	IgG3	TRUE	LOS	9.805987e+00	IU/ML
##	1948	22	IgG3	TRUE	FELD1	1.000000e-01	IU/ML
##	1949	22	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	1950	22	IgG3	TRUE	LOLP1	8.758741e-01	IU/ML
##	1951	22	IgG3	TRUE	Measles	8.646035e-01	IU/ML
##	1952	22	IgG3	TRUE	PTM	1.249119e+00	IU/ML
##	1953	22	IgG3	TRUE	1% PFA PT	1.798056e+00	IU/ML
##	1954	22	IgG3	TRUE	PRN	1.457968e+01	IU/ML
##	1955	22	IgG3	TRUE	FHA	1.677354e+02	IU/ML
##	1956	22	IgG3	TRUE	FIM2/3	2.312490e+02	IU/ML
##	1957	22	IgG3	TRUE	TT	4.380725e+00	IU/ML
##	1958	22	IgG3	TRUE	DT	1.626575e+01	IU/ML
##	1959	22	IgG3	TRUE	AVO	1.502273e+00	IU/ML
##	1960	22	IgG3	TRUE	PD1	9.282297e-01	IU/ML
##	1961	22	IgG4	TRUE	ACT	4.822904e-01	IU/ML
##	1962	22	IgG4	TRUE	LOS	6.274927e+00	IU/ML
##	1963	22	IgG4	TRUE	FELD1	1.094949e+01	IU/ML
##	1964	22	IgG4	TRUE	BETV1	5.121212e-01	IU/ML
##	1965	22	IgG4	TRUE	LOLP1	1.000000e-01	IU/ML
##	1966	22	IgG4	TRUE	Measles	1.000000e-01	IU/ML
##	1967	22	IgG4	TRUE	PTM	1.173409e+00	IU/ML
	1968	22	IgG4			1.789873e+00	
	1969	22	IgG4	TRUE		3.656671e+01	
	1970	22	IgG4	TRUE		1.103977e+01	
	1971	22	IgG4	TRUE		9.146841e+01	
	1972	22	IgG4	TRUE		4.557207e+00	
	1973	22	IgG4	TRUE		1.493643e+01	
	1974	22	IgG4	TRUE		9.603938e+01	
	- · <del>-</del>		G		0.11		,

	1975	22	IgG4	TRUE		9.434343e-01	
	1976	31	IgE 	FALSE		5.909475e+02	
	1977	31	IgE	FALSE		1.441912e+03	
	1978	31	IgG	TRUE		1.448853e+02	
	1979	31	IgG	TRUE		9.918222e+02	
	1980	31	IgG	TRUE		1.624457e+02	
	1981	31	IgE	TRUE		1.000000e-01	
	1982	31	IgE	TRUE		1.441558e+00	
##	1983	31	IgE	TRUE		7.542327e-01	
##	1984	31	IgE	TRUE		1.000000e-01	
##	1985	31	IgE	TRUE		1.000000e-01	
##	1986	31	IgE	TRUE		1.000000e-01	
##	1987	31	IgE	TRUE		6.948555e-01	
##	1988	31	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	1989	31	IgE	TRUE	PRN	5.909091e-01	IU/ML
##	1990	31	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	1991	31	IgE	TRUE	FIM2/3	3.676562e+00	IU/ML
##	1992	31	IgE	TRUE	TT	7.714505e-01	IU/ML
##	1993	31	IgE	TRUE	DT	5.230250e-01	IU/ML
##	1994	31	IgE	TRUE	AVO	1.000000e-01	IU/ML
##	1995	31	IgG1	TRUE	ACT	8.849423e+02	IU/ML
##	1996	31	IgG1	TRUE	LOS	1.001732e+01	IU/ML
##	1997	31	IgG1	TRUE	FELD1	2.432985e+00	IU/ML
##	1998	31	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	1999	31	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	2000	31	IgG1	TRUE	Measles	3.228120e+01	IU/ML
##	2001	31	IgG1	TRUE	PTM	1.103326e+04	IU/ML
##	2002	31	IgG1	TRUE	1% PFA PT	1.133550e+04	IU/ML
##	2003	31	IgG1	TRUE	PRN	2.674813e+04	IU/ML
##	2004	31	IgG1	TRUE	FHA	2.072968e+04	IU/ML
##	2005	31	IgG1	TRUE	FIM2/3	3.464642e+04	IU/ML
##	2006	31	IgG1	TRUE	TT	2.444880e+04	IU/ML
##	2007	31	IgG1	TRUE	DT	1.850565e+04	IU/ML
##	2008	31	IgG1	TRUE	OVA	1.535104e+02	IU/ML
	2009	31	IgG1	TRUE	PD1	3.705118e+00	IU/ML
	2010	31	IgG2	TRUE	ACT	7.101197e+01	IU/ML
	2011	31	IgG2	TRUE		1.394753e+01	
##	2012	31	IgG2	TRUE		2.147727e+00	
##	2013	31	IgG2	TRUE		9.375000e-01	
	2014	31	IgG2	TRUE		1.234504e+01	
	2015	31	IgG2	TRUE		1.460985e+01	
	2016	31	IgG2	TRUE		1.983333e+01	
	2017	31	IgG2			4.113209e+01	
	2018	31	IgG2	TRUE		1.529612e+03	
	2019	31	IgG2	TRUE		4.708560e+02	
	2020	31	IgG2	TRUE		2.791664e+02	
	2021	31	IgG2	TRUE		3.267775e+01	
	2022	31	IgG2	TRUE		1.759334e+03	
	2023	31	IgG2	TRUE		2.488891e+02	
	2024	31	IgG2	TRUE		5.182431e+01	
	2025	31	IgG3	TRUE		7.119565e+00	
	2026	31	IgG3	TRUE		3.719512e+00	
	2027	31	IgG3	TRUE		1.000000e-01	
	2028	31	IgG3	TRUE		1.000000e-01	
##	2020	91	1840	THOE	TATAT	1.0000006 01	TO LIP

```
## 2029
                  31
                         IgG3
                                              TRUE
                                                        LOLP1 1.000000e-01 IU/ML
                  31
## 2030
                                                     Measles 1.000000e-01 IU/ML
                        IgG3
                                              TRUE
                                              TRUE
## 2031
                  31
                         IgG3
                                                          PTM 3.158487e+01 IU/ML
## 2032
                  31
                         IgG3
                                              TRUE 1% PFA PT 3.416307e+01 IU/ML
## 2033
                  31
                         IgG3
                                              TRUE
                                                          PRN 2.963443e+02 IU/ML
## 2034
                  31
                        IgG3
                                              TRUE
                                                          FHA 9.685099e+02 IU/ML
## 2035
                  31
                                              TRUE
                        IgG3
                                                       FIM2/3 1.183321e+03 IU/ML
                                              TRUE
## 2036
                  31
                        IgG3
                                                           TT 4.771620e+02 IU/ML
## 2037
                  31
                        IgG3
                                              TRUE
                                                           DT 2.397058e+01 IU/ML
                  31
                        IgG3
## 2038
                                              TRUE
                                                          OVA 6.438312e-01 IU/ML
## 2039
                  31
                         IgG3
                                              TRUE
                                                          PD1 1.624402e+00 IU/ML
                                              TRUE
## 2040
                  31
                         IgG4
                                                          ACT 2.893743e+00 IU/ML
## 2041
                  31
                        IgG4
                                              TRUE
                                                          LOS 1.859238e+00 IU/ML
## 2042
                  31
                                              TRUE
                         IgG4
                                                        FELD1 9.124579e-01 IU/ML
## 2043
                  31
                         IgG4
                                              TRUE
                                                        BETV1 2.304545e+00 IU/ML
## 2044
                  31
                         IgG4
                                              TRUE
                                                        LOLP1 8.350168e-01 IU/ML
## 2045
                  31
                        IgG4
                                              TRUE
                                                     Measles 4.722222e-01 IU/ML
## 2046
                  31
                         IgG4
                                              TRUE
                                                          PTM 1.537166e+02 IU/ML
## 2047
                  31
                                              TRUE 1% PFA PT 1.834619e+02 IU/ML
                        IgG4
## 2048
                  31
                         IgG4
                                              TRUE
                                                          PRN 1.584557e+02 IU/ML
## 2049
                  31
                        IgG4
                                              TRUE
                                                          FHA 2.891807e+02 IU/ML
## 2050
                  31
                         IgG4
                                              TRUE
                                                       FIM2/3 2.901362e+03 IU/ML
## 2051
                  31
                                              TRUE
                                                           TT 3.801247e+02 IU/ML
                         IgG4
## 2052
                  31
                        IgG4
                                              TRUE
                                                           DT 1.135915e+03 IU/ML
                  31
## 2053
                         IgG4
                                              TRUE
                                                          OVA 4.721665e+03 IU/ML
## 2054
                  31
                         IgG4
                                              TRUE
                                                          PD1 2.358586e-01 IU/ML
## 2055
                  40
                         IgE
                                             FALSE
                                                        Total 4.798594e+02 UG/ML
## 2056
                  40
                                             FALSE
                                                        Total 1.170857e+03 IU/ML
                         IgE
                                              TRUE
## 2057
                  40
                         IgG
                                                           PT 1.100317e+02 IU/ML
## 2058
                  40
                         IgG
                                              TRUE
                                                          PRN 6.751817e+02 IU/ML
## 2059
                  40
                         IgG
                                              TRUE
                                                          FHA 1.000000e-02 IU/ML
## 2060
                  40
                         IgE
                                              TRUE
                                                          ACT 1.000000e-01 IU/ML
## 2061
                  40
                         IgE
                                              TRUE
                                                          LOS 9.610390e-01 IU/ML
## 2062
                  40
                                              TRUE
                                                        FELD1 7.542327e-01 IU/ML
                         IgE
## 2063
                  40
                         IgE
                                              TRUE
                                                        BETV1 1.000000e-01 IU/ML
## 2064
                  40
                                                        LOLP1 3.250143e+01 IU/ML
                         IgE
                                              TRUE
## 2065
                  40
                         IgE
                                              TRUE
                                                      Measles 1.000000e-01 IU/ML
## 2066
                  40
                         IgE
                                              TRUE
                                                          PTM 9.380550e+00 IU/ML
## 2067
                  40
                         IgE
                                              TRUE 1% PFA PT 9.747239e+00 IU/ML
## 2068
                  40
                         IgE
                                                          PRN 1.772727e+00 IU/ML
                                              TRUE
## 2069
                  40
                         IgE
                                              TRUE
                                                          FHA 5.616162e-01 IU/ML
## 2070
                  40
                         IgE
                                              TRUE
                                                       FIM2/3 9.559060e+00 IU/ML
                                                           TT 1.800051e+00 IU/ML
## 2071
                  40
                         IgE
                                              TRUE
## 2072
                  40
                         IgE
                                              TRUE
                                                           DT 1.778285e+01 IU/ML
## 2073
                  40
                                              TRUE
                         IgE
                                                          OVA 1.000000e-01 IU/ML
## 2074
                  40
                         IgG1
                                              TRUE
                                                          ACT 2.475159e+03 IU/ML
## 2075
                  40
                         IgG1
                                              TRUE
                                                          LOS 1.049567e+01 IU/ML
## 2076
                  40
                         IgG1
                                              TRUE
                                                        FELD1 1.448796e+00 IU/ML
## 2077
                  40
                         IgG1
                                              TRUE
                                                        BETV1 1.000000e-01 IU/ML
## 2078
                  40
                         IgG1
                                              TRUE
                                                        LOLP1 1.000000e-01 IU/ML
## 2079
                  40
                         IgG1
                                              TRUE
                                                     Measles 4.187211e+01 IU/ML
## 2080
                  40
                         IgG1
                                              TRUE
                                                          PTM 9.112727e+03 IU/ML
## 2081
                  40
                         IgG1
                                              TRUE 1% PFA PT 1.074627e+04 IU/ML
## 2082
                  40
                         IgG1
                                              TRUE
                                                          PRN 2.679723e+04 IU/ML
```

##	2083	40	IgG1	TRUE	FHA	3.199235e+04	IU/ML
##	2084	40	IgG1	TRUE	FIM2/3	5.950172e+04	IU/ML
##	2085	40	IgG1	TRUE	TT	2.368601e+04	IU/ML
##	2086	40	IgG1	TRUE	DT	2.268010e+04	IU/ML
##	2087	40	IgG1	TRUE	AVO	9.215455e+01	IU/ML
##	2088	40	IgG1	TRUE	PD1	2.767533e+00	IU/ML
##	2089	40	IgG2	TRUE	ACT	7.713369e+01	IU/ML
##	2090	40	IgG2	TRUE	LOS	1.937157e+00	IU/ML
##	2091	40	IgG2	TRUE	FELD1	4.772727e-01	IU/ML
##	2092	40	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	2093	40	IgG2	TRUE		9.876033e-01	
##	2094	40	IgG2	TRUE		7.689394e-01	
##	2095	40	IgG2	TRUE		2.304167e+01	
##	2096	40	IgG2	TRUE	1% PFA PT	3.654428e+01	IU/ML
##	2097	40	IgG2	TRUE	PRN	1.246571e+02	IU/ML
##	2098	40	IgG2	TRUE	FHA	1.182918e+03	IU/ML
##	2099	40	IgG2	TRUE	FIM2/3	3.851790e+02	IU/ML
##	2100	40	IgG2	TRUE	TT	2.327294e+01	IU/ML
##	2101	40	IgG2	TRUE	DT	6.175267e+02	IU/ML
##	2102	40	IgG2	TRUE	AVO	3.835524e+01	IU/ML
##	2103	40	IgG2	TRUE	PD1	2.313585e+00	IU/ML
##	2104	40	IgG3	TRUE	ACT	3.143935e+02	IU/ML
##	2105	40	IgG3	TRUE	LOS	1.318736e+01	IU/ML
##	2106	40	IgG3	TRUE	FELD1	2.050189e+00	IU/ML
##	2107	40	IgG3	TRUE	BETV1	1.299465e+00	IU/ML
##	2108	40	IgG3	TRUE	LOLP1	3.065559e+00	IU/ML
	2109	40	IgG3	TRUE	Measles	5.187621e+00	IU/ML
##	2110	40	IgG3	TRUE	PTM	7.833761e+01	IU/ML
##	2111	40	IgG3	TRUE	1% PFA PT	9.547680e+01	IU/ML
##	2112	40	IgG3	TRUE	PRN	7.345537e+02	IU/ML
##	2113	40	IgG3	TRUE	FHA	1.796381e+03	IU/ML
##	2114	40	IgG3	TRUE	FIM2/3	1.869647e+03	IU/ML
##	2115	40	IgG3	TRUE	TT	5.169255e+02	IU/ML
##	2116	40	IgG3	TRUE	DT	3.061956e+02	IU/ML
	2117	40	IgG3	TRUE	AVO	1.352045e+01	IU/ML
##	2118	40	IgG3	TRUE		3.712919e+00	
##	2119	40	IgG4	TRUE	ACT	8.922373e+00	IU/ML
	2120	40	IgG4	TRUE	LOS	6.972141e-01	IU/ML
	2121	40	IgG4	TRUE	FELD1	6.843434e-01	IU/ML
	2122	40	IgG4	TRUE		1.000000e-01	
	2123	40	IgG4	TRUE		1.711785e+01	
##	2124	40	IgG4	TRUE		1.000000e-01	
	2125	40	IgG4	TRUE		3.895718e+02	
	2126	40	IgG4			4.820724e+02	
	2127	40	IgG4	TRUE		5.959019e+01	
##	2128	40	IgG4	TRUE	FHA	3.177307e+03	IU/ML
	2129	40	IgG4	TRUE		1.584927e+02	
	2130	40	IgG4	TRUE		4.350792e+02	
	2131	40	IgG4	TRUE		2.299214e+03	
	2132	40	IgG4	TRUE		3.278904e+03	
	2133	40	IgG4	TRUE		1.179293e+00	
	2134	49	IgE	FALSE		1.969596e+02	
	2135	49	IgE	FALSE		4.805814e+02	
##	2136	49	IgG	TRUE	PT	1.674964e+02	IU/ML

	2137	49	IgG	TRUE	PRN	2.879544e+02	IU/ML
##	2138	49	${\tt IgG}$	TRUE	FHA	5.589058e+02	IU/ML
##	2139	49	IgE	TRUE	ACT	2.782614e+01	IU/ML
##	2140	49	IgE	TRUE	LOS	2.748091e+03	IU/ML
##	2141	49	IgE	TRUE	FELD1	8.437224e+03	IU/ML
##	2142	49	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	2143	49	IgE	TRUE	LOLP1	2.686785e+01	IU/ML
##	2144	49	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	2145	49	IgE	TRUE	PTM	6.253700e+00	IU/ML
##	2146	49	IgE	TRUE	1% PFA PT	3.748938e+00	IU/ML
##	2147	49	IgE	TRUE	PRN	2.363636e+00	IU/ML
##	2148	49	IgE	TRUE	FHA	3.369697e+00	IU/ML
##	2149	49	IgE	TRUE	FIM2/3	1.875046e+01	IU/ML
##	2150	49	IgE	TRUE	TT	1.800051e+00	IU/ML
##	2151	49	IgE	TRUE	DT	4.968738e+00	IU/ML
##	2152	49	IgE	TRUE	AVO	1.383838e+00	IU/ML
##	2153	49	IgG1	TRUE	ACT	8.432503e+02	IU/ML
##	2154	49	IgG1	TRUE	LOS	3.411121e+03	IU/ML
##	2155	49	IgG1	TRUE	FELD1	7.008388e+03	IU/ML
##	2156	49	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	2157	49	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	2158	49	IgG1	TRUE	Measles	4.160570e+01	IU/ML
##	2159	49	IgG1	TRUE	PTM	5.925563e+02	IU/ML
##	2160	49	IgG1	TRUE	1% PFA PT	6.792899e+02	IU/ML
##	2161	49	IgG1	TRUE	PRN	2.170906e+03	IU/ML
##	2162	49	IgG1	TRUE	FHA	1.603869e+04	IU/ML
##	2163	49	IgG1	TRUE	FIM2/3	5.772348e+04	IU/ML
##	2164	49	IgG1	TRUE	TT	2.419639e+04	IU/ML
##	2165	49	IgG1	TRUE	DT	2.006523e+04	IU/ML
##	2166	49	IgG1	TRUE	AVO	1.149156e+02	IU/ML
##	2167	49	IgG1	TRUE	PD1	1.000000e-01	IU/ML
##	2168	49	IgG2	TRUE	ACT	1.285561e+01	IU/ML
##	2169	49	IgG2	TRUE	LOS	3.777456e+01	IU/ML
##	2170	49	IgG2	TRUE	FELD1	8.447727e+01	IU/ML
##	2171	49	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	2172	49	IgG2	TRUE	LOLP1	4.938017e-01	IU/ML
##	2173	49	IgG2	TRUE	Measles	7.689394e-01	IU/ML
##	2174	49	IgG2	TRUE	PTM	2.916667e-01	IU/ML
##	2175	49	IgG2	TRUE	1% PFA PT	9.492021e-01	IU/ML
##	2176	49	IgG2	TRUE	PRN	5.621142e+00	IU/ML
##	2177	49	IgG2	TRUE	FHA	6.002202e+01	IU/ML
##	2178		IgG2	TRUE	FIM2/3	1.181283e+02	IU/ML
##	2179	49	IgG2	TRUE	TT	4.256078e+01	IU/ML
##	2180	49	IgG2	TRUE	DT	8.608560e+02	IU/ML
##	2181	49	IgG2	TRUE	OVA	7.727041e+01	IU/ML
##	2182	49	IgG2	TRUE	PD1	2.082227e+00	IU/ML
##	2183	49	IgG3	TRUE	ACT	2.653656e+01	IU/ML
##	2184	49	IgG3	TRUE	LOS	6.086475e+00	IU/ML
##	2185	49	IgG3	TRUE	FELD1	1.107102e+01	IU/ML
##	2186	49	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	2187	49	IgG3	TRUE	LOLP1	4.379371e-01	IU/ML
##	2188	49	IgG3	TRUE	Measles	8.646035e-01	IU/ML
##	2189	49	IgG3	TRUE	PTM	5.353368e-01	IU/ML
##	2190	49	IgG3	TRUE	1% PFA PT	7.192226e-01	IU/ML

	2191	49	IgG3	TRUE		2.506394e+01	
	2192	49	IgG3	TRUE		2.608294e+02	
	2193	49	IgG3	TRUE	FIM2/3	3.882897e+02	IU/ML
	2194	49	IgG3	TRUE		6.368900e+01	
	2195	49	IgG3	TRUE	DT	2.676714e+02	IU/ML
##	2196	49	IgG3	TRUE	AVO	2.210487e+01	IU/ML
##	2197	49	IgG3	TRUE	PD1	3.248804e+00	IU/ML
##	2198	49	IgG4	TRUE	ACT	1.929162e+00	IU/ML
##	2199	49	IgG4	TRUE	LOS	1.053490e+03	IU/ML
##	2200	49	IgG4	TRUE	FELD1	1.920268e+03	IU/ML
##	2201	49	IgG4	TRUE	BETV1	2.560606e-01	IU/ML
##	2202	49	IgG4	TRUE	LOLP1	1.043771e+00	IU/ML
##	2203	49	IgG4	TRUE	Measles	9.44444e-01	IU/ML
##	2204	49	IgG4	TRUE	PTM	2.053466e+00	IU/ML
##	2205	49	IgG4	TRUE	1% PFA PT	1.193248e+00	IU/ML
##	2206	49	IgG4	TRUE	PRN	4.496351e+01	IU/ML
##	2207	49	IgG4	TRUE	FHA	1.974892e+02	IU/ML
##	2208	49	IgG4	TRUE	FIM2/3	1.561271e+02	IU/ML
##	2209	49	IgG4	TRUE	TT	1.218115e+03	IU/ML
##	2210	49	IgG4	TRUE	DT	3.294976e+03	IU/ML
##	2211	49	IgG4	TRUE	OVA	1.586006e+04	IU/ML
##	2212	49	IgG4	TRUE	PD1	1.000000e-01	IU/ML
##	2213	58	IgE	FALSE	Total	6.867209e+02	UG/ML
##	2214	58	IgE	FALSE		1.675599e+03	
##	2215	58	IgG	TRUE		9.268763e+01	
##	2216	58	IgG	TRUE		1.564662e+03	
##	2217	58	IgG	TRUE	FHA	6.400000e-02	IU/ML
##	2218	58	IgE	TRUE		1.000000e-01	
##	2219	58	IgE	TRUE		1.441558e+00	
##	2220	58	IgE	TRUE		1.508465e+00	
	2221	58	IgE	TRUE	BETV1	1.000000e-01	IU/ML
	2222	58	IgE	TRUE	LOLP1	8.667047e-01	IU/ML
	2223	58	IgE	TRUE		1.000000e-01	
	2224	58	IgE	TRUE		6.948555e-01	-
	2225	58	IgE			1.000000e-01	-
	2226	58	IgE	TRUE		1.181818e+00	
	2227	58	IgE	TRUE		1.000000e-01	
	2228	58	IgE	TRUE		2.941249e+00	•
	2229	58	IgE	TRUE		1.285751e+00	
	2230	58	IgE	TRUE		1.046050e+00	
	2231	58	IgE	TRUE		1.000000e-01	
	2232	58	IgG1	TRUE		1.573483e+02	
	2233	58	IgG1	TRUE		5.712121e+00	
	2234	58	IgG1	TRUE		1.940891e+00	
	2235	58	IgG1	TRUE		1.000000e-01	
	2236	58	IgG1	TRUE		1.000000e-01	
##	2237	58	IgG1	TRUE		4.320418e+01	
##	2238	58	IgG1	TRUE		6.403034e+03	
##	2239	58	IgG1			6.616058e+03	
##	2240	58	IgG1	TRUE		2.771842e+04	
	2241	58	IgG1	TRUE		2.771842e+04 2.789851e+04	
	2242	58	IgG1	TRUE		8.851759e+04	
	2243	58	IgG1	TRUE		2.311094e+04	
##	2244	58	IgG1	TRUE	וע	1.159077e+04	TO/ LIF

##	2245	58	IgG1	TRUE	AVO	1.000000e-01	IU/ML
##	2246	58	IgG1	TRUE	PD1	1.829948e+00	IU/ML
##	2247	58	IgG2	TRUE	ACT	1.227405e+02	IU/ML
##	2248	58	IgG2	TRUE	LOS	1.627212e+01	IU/ML
##	2249	58	IgG2	TRUE	FELD1	7.159091e-01	IU/ML
##	2250	58	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	2251	58	IgG2	TRUE	LOLP1	9.876033e-01	IU/ML
##	2252	58	IgG2	TRUE	Measles	1.730114e+00	IU/ML
##	2253	58	IgG2	TRUE	PTM	2.333333e+00	IU/ML
##	2254	58	IgG2	TRUE	1% PFA PT	7.910017e+00	IU/ML
##	2255	58	IgG2	TRUE	PRN	6.927230e+01	IU/ML
##	2256	58	IgG2	TRUE	FHA	3.832462e+02	IU/ML
##	2257	58	IgG2	TRUE	FIM2/3	1.419559e+03	IU/ML
##	2258	58	IgG2	TRUE	TT	1.013807e+02	IU/ML
##	2259	58	IgG2	TRUE	DT	1.235256e+03	IU/ML
##	2260	58	IgG2	TRUE	AVO	2.799653e-01	IU/ML
##	2261	58	IgG2	TRUE	PD1	3.701736e+00	IU/ML
##	2262	58	IgG3	TRUE	ACT	1.716786e+02	IU/ML
##	2263	58	IgG3	TRUE	LOS	1.183481e+00	IU/ML
##	2264	58	IgG3	TRUE	FELD1	1.000000e-01	IU/ML
##	2265	58	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	2266	58	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	2267	58	IgG3	TRUE	Measles	4.323017e-01	IU/ML
##	2268	58	IgG3	TRUE		5.353368e-01	
##	2269	58	IgG3	TRUE		1.438445e+00	
##	2270	58	IgG3	TRUE		1.326915e+01	
##	2271	58	IgG3	TRUE		2.970696e+02	
##	2272	58	IgG3	TRUE		1.764953e+02	
##	2273	58	IgG3	TRUE		9.772386e+00	
##	2274	58	IgG3	TRUE		9.702376e+00	
##	2275	58	IgG3	TRUE		2.146104e-01	
##	2276	58	IgG3	TRUE		1.392344e+00	
##	2277	58	IgG4	TRUE		4.099469e+00	
##	2278	58	IgG4	TRUE		2.091642e+00	
##	2279	58	IgG4	TRUE	FELD1	2.281145e+00	IU/ML
##	2280	58	IgG4	TRUE	BETV1	1.792424e+00	IU/ML
	2281	58	IgG4	TRUE	LOLP1	2.087542e-01	IU/ML
	2282	58	IgG4	TRUE	Measles	1.652778e+00	IU/ML
##	2283	58	IgG4	TRUE		3.285545e+01	
	2284	58	IgG4	TRUE		3.699070e+01	
	2285	58	IgG4	TRUE		3.331363e+03	
	2286	58	IgG4	TRUE		4.762435e+02	
	2287	58	IgG4	TRUE		1.428011e+03	
	2288	58	IgG4	TRUE		7.468726e+03	
	2289	58	IgG4	TRUE		2.215645e+04	
	2290	58	IgG4	TRUE		4.782978e+02	
	2291	58	IgG4	TRUE		9.434343e-01	
	2292	73		FALSE		1.673345e+03	
	2293	73		FALSE		4.082962e+03	
	2294	73	IgG	TRUE		1.665922e+01	
	2295	73	IgG	TRUE		5.119509e+02	
	2296	73	IgG	TRUE		3.233428e+02	
	2297	73	IgE	TRUE		1.000000e-01	
	2298	73	IgE	TRUE		7.207792e-01	
11 TT	2200		-5-	11001	LUD	2011026 UI	TO/1711

##	2299	73	IgE	TRUE	EEI D1	3.771163e-01	тіі/мі
	2300	73	IgE	TRUE		8.730408e-01	
	2301	73	IgE	TRUE		1.000000e-01	
	2302	73	IgE	TRUE		1.000000e-01	
	2303	73	IgE	TRUE		3.474278e+00	
	2304	73	IgE			3.748938e+00	
	2305	73		TRUE		2.363636e+00	
	2306	73	IgE	TRUE			
	2307	73	IgE	TRUE		4.492929e+00 8.088435e+00	
			IgE			6.943054e+00	
	2308	73	IgE	TRUE			
	2309	73	IgE	TRUE		1.935193e+01	
	2310	73	IgE	TRUE		1.000000e-01	
	2311	73	IgG1	TRUE		6.121954e+02	
	2312	73	IgG1	TRUE		2.363636e+00	
	2313	73	IgG1	TRUE		1.000000e-01	
	2314	73	IgG1	TRUE		1.00000e-01	
	2315	73	IgG1	TRUE		1.098102e+01	
	2316	73	IgG1	TRUE		1.682918e+01	
	2317	73	IgG1	TRUE		1.827739e+01	
##	2318	73	IgG1	TRUE	1% PFA PT	5.013674e+01	IU/ML
##	2319	73	IgG1	TRUE	PRN	9.741582e+03	IU/ML
##	2320	73	IgG1	TRUE	FHA	1.443355e+04	IU/ML
##	2321	73	IgG1	TRUE	FIM2/3	4.462401e+04	IU/ML
##	2322	73	IgG1	TRUE	TT	1.492802e+04	IU/ML
##	2323	73	IgG1	TRUE	DT	9.683756e+03	IU/ML
##	2324	73	IgG1	TRUE	AVO	1.051169e+01	IU/ML
##	2325	73	IgG1	TRUE	PD1	1.000000e-01	IU/ML
##	2326	73	IgG2	TRUE	ACT	6.764502e+01	IU/ML
##	2327	73	IgG2	TRUE	LOS	2.905735e+00	IU/ML
##	2328	73	IgG2	TRUE	FELD1	2.386364e-01	IU/ML
##	2329	73	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	2330	73	IgG2	TRUE	LOLP1	9.876033e-01	IU/ML
##	2331	73	IgG2	TRUE	Measles	7.689394e-01	IU/ML
##	2332	73	IgG2	TRUE	PTM	8.750000e-01	IU/ML
	2333	73	IgG2	TRUE		2.531205e+00	
	2334	73	IgG2	TRUE		5.422748e+01	
	2335	73	IgG2	TRUE		3.168864e+02	
	2336	73	IgG2	TRUE		5.335966e+02	
	2337	73	IgG2	TRUE		6.822477e+01	
	2338	73	IgG2	TRUE		1.876650e+03	
	2339	73	IgG2	TRUE		1.623798e+01	
	2340	73	IgG2	TRUE		4.627171e+00	
	2341	73	IgG3	TRUE		1.375371e+01	
	2342	73	IgG3	TRUE		2.028825e+00	
	2343	73	IgG3	TRUE		1.000000e-01	
	2344	73	IgG3	TRUE		1.000000e-01	
	2345	73	IgG3	TRUE		1.283156e+02	
	2346	73	IgG3	TRUE		8.646035e-01	
	2347	73	IgG3	TRUE		8.922279e-01	
	2348	73	IgG3			2.157668e+00	
	2349	73	_	TRUE		8.141686e+02	
	2350	73 73	IgG3	TRUE		6.915553e+01	
			IgG3				
	2351	73	IgG3	TRUE		8.594119e+03	
##	2352	73	IgG3	TRUE	11	1.482707e+01	TU/MF

	2353	73	IgG3	TRUE		1.790659e+02	
	2354	73	IgG3	TRUE		8.369805e+00	
##	2355	73	IgG3	TRUE		1.856459e+00	
##	2356	73	IgG4	TRUE	ACT	2.700826e+01	IU/ML
##	2357	73	IgG4	TRUE	LOS	4.648094e+00	IU/ML
##	2358	73	IgG4	TRUE	FELD1	5.018519e+00	IU/ML
##	2359	73	IgG4	TRUE	BETV1	4.865152e+00	IU/ML
##	2360	73	IgG4	TRUE	LOLP1	3.548822e+00	IU/ML
##	2361	73	IgG4	TRUE	Measles	5.194444e+00	IU/ML
##	2362	73	IgG4	TRUE	PTM	8.331204e+01	IU/ML
##	2363	73	IgG4	TRUE	1% PFA PT	1.103755e+02	IU/ML
##	2364	73	IgG4	TRUE	PRN	2.484369e+03	IU/ML
##	2365	73	IgG4	TRUE	FHA	4.080422e+03	IU/ML
##	2366	73	IgG4	TRUE	FIM2/3	4.415716e+02	IU/ML
##	2367	73	IgG4	TRUE	TT	6.331033e+03	IU/ML
##	2368	73	IgG4	TRUE	DT	1.426304e+04	IU/ML
##	2369	73	IgG4	TRUE	OVA	7.558354e+03	IU/ML
##	2370	73	IgG4	TRUE	PD1	4.009596e+00	IU/ML
##	2371	80	IgE	FALSE	Total	3.993816e+02	UG/ML
##	2372	80	IgE	FALSE	Total	9.744911e+02	IU/ML
##	2373	80	IgG	TRUE	PT	4.638202e+00	IU/ML
##	2374	80	IgG	TRUE	PRN	1.380042e+03	IU/ML
##	2375	80	IgG	TRUE	FHA	1.373764e+02	IU/ML
##	2376	80	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	2377	80	IgE	TRUE	LOS	4.805195e-01	IU/ML
##	2378	80	IgE	TRUE	FELD1	1.000000e-01	IU/ML
##	2379	80	IgE	TRUE	BETV1	4.365204e-01	IU/ML
##	2380	80	IgE	TRUE	LOLP1	8.667047e-01	IU/ML
##	2381	80	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	2382	80	IgE	TRUE	PTM	1.000000e-01	IU/ML
##	2383	80	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	2384	80	IgE	TRUE	PRN	8.863636e-01	IU/ML
##	2385	80	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	2386	80	IgE	TRUE	FIM2/3	4.411874e+00	IU/ML
##	2387	80	IgE	TRUE	TT	2.571502e-01	IU/ML
##	2388	80	IgE	TRUE	DT	1.046050e+00	IU/ML
##	2389	80	IgE	TRUE	OVA	1.000000e-01	IU/ML
##	2390	80	IgG1	TRUE	ACT	7.799881e+01	IU/ML
##	2391	80	IgG1	TRUE		2.363636e+00	
##	2392	80	IgG1	TRUE	FELD1	1.000000e-01	IU/ML
##	2393	80	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	2394	80	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	2395	80	IgG1	TRUE		5.906205e+00	
##	2396	80	IgG1	TRUE	PTM	1.000000e-01	IU/ML
##	2397	80	IgG1	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	2398	80	IgG1	TRUE	PRN	2.050550e+04	IU/ML
	2399	80	IgG1	TRUE		3.123530e+03	
	2400	80	IgG1	TRUE		4.158178e+04	
	2401	80	IgG1	TRUE		2.299957e+04	
	2402	80	IgG1	TRUE		2.087554e+04	
	2403	80	IgG1	TRUE		1.000000e-01	
	2404	80	IgG1	TRUE		1.000000e-01	
	2405	80	IgG2	TRUE		3.550598e+01	
	2406	80	IgG2	TRUE		1.162294e+00	
	·		5 <sup>~—</sup>		_55		,

##	2407	80	IgG2	TRUE	FELD1	1.000000e-01	IU/ML
##	2408	80	IgG2	TRUE		1.000000e-01	
##	2409	80	IgG2	TRUE	LOLP1	1.481405e+00	IU/ML
	2410	80	IgG2	TRUE		1.000000e-01	
	2411	80	IgG2	TRUE		5.833333e-01	•
##	2412	80	IgG2	TRUE	1% PFA PT	1.582003e+00	IU/ML
	2413	80	IgG2	TRUE	PRN	1.021725e+02	IU/ML
##	2414	80	IgG2	TRUE	FHA	2.721495e+01	IU/ML
##	2415	80	IgG2	TRUE	•	1.129118e+03	•
##	2416	80	IgG2	TRUE	TT	1.083945e+01	IU/ML
##	2417	80	IgG2	TRUE	DT	1.639389e+03	IU/ML
##	2418	80	IgG2	TRUE	AVO	5.319340e+00	IU/ML
##	2419	80	IgG2	TRUE	PD1	7.866190e+00	IU/ML
##	2420	80	IgG3	TRUE	ACT	3.090539e+01	IU/ML
	2421	80	IgG3	TRUE	LOS	5.072062e+00	IU/ML
	2422	80	IgG3	TRUE	FELD1	2.050189e+00	IU/ML
##	2423	80	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	2424	80	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	2425	80	IgG3	TRUE	Measles	5.187621e+00	IU/ML
##	2426	80	IgG3	TRUE	PTM	1.962901e+00	IU/ML
##	2427	80	IgG3	TRUE	1% PFA PT	1.798056e+00	IU/ML
##	2428	80	IgG3	TRUE	PRN	1.266794e+03	IU/ML
##	2429	80	IgG3	TRUE	FHA	9.176407e+01	IU/ML
##	2430	80	IgG3	TRUE	FIM2/3	3.481771e+02	IU/ML
##	2431	80	IgG3	TRUE	TT	6.705878e+01	IU/ML
##	2432	80	IgG3	TRUE	DT	9.621048e+02	IU/ML
##	2433	80	IgG3	TRUE	AVO	2.789935e+00	IU/ML
##	2434	80	IgG3	TRUE	PD1	2.784689e+00	IU/ML
##	2435	80	IgG4	TRUE		9.645809e-01	
##	2436	80	IgG4	TRUE	LOS	2.788856e+00	IU/ML
##	2437	80	IgG4	TRUE	FELD1	2.053030e+00	IU/ML
##	2438	80	IgG4	TRUE	BETV1	1.792424e+00	IU/ML
##	2439	80	IgG4	TRUE	LOLP1	1.252525e+00	IU/ML
##	2440	80	IgG4	TRUE	Measles	1.888889e+00	IU/ML
##	2441	80	IgG4	TRUE	PTM	2.346818e+00	IU/ML
##	2442	80	IgG4	TRUE	1% PFA PT	2.386497e+00	IU/ML
##	2443	80	IgG4	TRUE	PRN	1.462668e+01	IU/ML
##	2444	80	IgG4	TRUE	FHA	8.279828e+00	IU/ML
##	2445	80	IgG4	TRUE	FIM2/3	1.167011e+02	IU/ML
##	2446	80	IgG4	TRUE	TT	5.817141e+01	IU/ML
##	2447	80	IgG4	TRUE	DT	1.729638e+03	IU/ML
##	2448	80	IgG4	TRUE	AVO	3.938971e+03	IU/ML
##	2449	80	IgG4	TRUE	PD1	1.415152e+00	IU/ML
##	2450	6	IgE	FALSE	Total	8.421159e+02	UG/ML
##	2451	6	IgE	FALSE	Total	2.054763e+03	IU/ML
##	2452	6	IgG	TRUE	PT	2.296037e+02	IU/ML
##	2453	6	IgG	TRUE		1.039815e+03	
##	2454	6	IgG	TRUE		6.400000e-02	
##	2455	6	IgE	TRUE		1.000000e-01	
##	2456	6	IgE	TRUE		2.955195e+01	
##	2457	6	IgE	TRUE	FELD1	1.021985e+02	IU/ML
##	2458	6	IgE	TRUE		7.857367e+00	
##	2459	6	IgE	TRUE		7.800343e+00	
##	2460	6	IgE	TRUE	Measles	2.816558e-01	IU/ML

##	2461	6	Tar	TRUE	ртм	1.000000e-01	тп /мт
	2462	6	IgE IgE			1.000000e-01 1.000000e-01	
	2463	6	IgE	TRUE		2.363636e+00	
	2464	6	IgE	TRUE		1.000000e-01	
	2465	6		TRUE		5.147186e+00	
	2466	6	IgE	TRUE		7.714505e-01	
	2467		IgE	TRUE			
		6	IgE			1.000000e-01	
	2468	6	IgE	TRUE		1.000000e-01	
	2469	6	IgG1	TRUE		2.415394e+02	
	2470	6	IgG1	TRUE		9.778139e+00	
	2471	6	IgG1	TRUE		1.448796e+00	
	2472	6	IgG1	TRUE		1.000000e-01	
	2473	6	IgG1	TRUE		1.000000e-01	
	2474	6	IgG1	TRUE		3.254762e+01	
	2475	6	IgG1	TRUE		1.903717e+04	
	2476	6	IgG1			1.955761e+04	
	2477	6	IgG1	TRUE		2.699999e+04	
	2478	6	IgG1	TRUE		3.678606e+04	
	2479	6	IgG1	TRUE		1.042953e+05	
	2480	6	IgG1	TRUE		2.509997e+04	
##	2481	6	IgG1	TRUE		2.197436e+04	
##	2482	6	IgG1	TRUE	AVO	1.447013e+01	IU/ML
##	2483	6	IgG1	TRUE	PD1	2.767533e+00	IU/ML
##	2484	6	IgG2	TRUE	ACT	2.678253e+01	IU/ML
##	2485	6	IgG2	TRUE	LOS	1.937157e+01	IU/ML
##	2486	6	IgG2	TRUE	FELD1	2.386364e-01	IU/ML
##	2487	6	IgG2	TRUE	BETV1	1.000000e-01	IU/ML
##	2488	6	IgG2	TRUE	LOLP1	1.481405e+00	IU/ML
##	2489	6	IgG2	TRUE	Measles	1.000000e-01	IU/ML
##	2490	6	IgG2	TRUE	PTM	2.625000e+00	IU/ML
##	2491	6	IgG2	TRUE	1% PFA PT	6.644414e+00	IU/ML
##	2492	6	IgG2	TRUE	PRN	1.107696e+02	IU/ML
##	2493	6	IgG2	TRUE	FHA	2.467986e+02	IU/ML
##	2494	6	IgG2	TRUE	FIM2/3	9.204584e+02	IU/ML
##	2495	6	IgG2	TRUE	TT	1.036124e+01	IU/ML
##	2496	6	IgG2	TRUE	DT	4.864565e+02	IU/ML
##	2497	6	IgG2	TRUE	OVA	6.635177e+01	IU/ML
##	2498	6	IgG2	TRUE	PD1	4.627171e+00	IU/ML
##	2499	6	IgG3	TRUE	ACT	2.588933e+00	IU/ML
##	2500	6	IgG3	TRUE	LOS	1.352550e+00	IU/ML
##	2501	6	IgG3	TRUE	FELD1	1.000000e-01	IU/ML
##	2502	6	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	2503	6	IgG3	TRUE	LOLP1	4.379371e-01	IU/ML
##	2504	6	IgG3	TRUE	Measles	1.296905e+00	IU/ML
##	2505	6	IgG3	TRUE	PTM	1.498943e+01	IU/ML
	2506	6	IgG3			8.271060e+00	
	2507	6	IgG3	TRUE		3.207366e+03	
	2508	6	IgG3	TRUE		2.726324e+01	
	2509	6	IgG3	TRUE		1.628571e+02	
	2510	6	IgG3	TRUE		4.077444e+01	
	2511	6	IgG3	TRUE		7.533610e+01	
	2512	6	IgG3	TRUE		7.940584e+00	
	2513	6	IgG3	TRUE		1.392344e+00	
	2514	6	IgG4	TRUE		3.858323e+00	
11 TT	2011	J	-04-	11001	ACI	5.0000Z0E:00	TO/1711

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	2515	6	IgG4	TRUE		3.300147e+01	
	2516	6	IgG4	TRUE		6.980303e+01	
	2517	6	IgG4	TRUE		3.840909e+00	
	2518	6	IgG4	TRUE		8.350168e-01	
	2519	6	IgG4	TRUE		1.000000e-01	
	2520	6	IgG4	TRUE		9.973977e+00	
	2521	6	IgG4			8.949363e+00	
	2522	6	IgG4	TRUE		7.822567e+02	
	2523	6	IgG4	TRUE		2.643412e+02	
	2524	6	IgG4	TRUE		9.817084e+02	
	2525	6	IgG4	TRUE		7.278128e+02	
	2526	6	IgG4	TRUE		3.625818e+03	
	2527	6	IgG4	TRUE		4.693721e+03	
	2528	6	IgG4	TRUE	PD1	1.000000e-01	IU/ML
	2529	23	IgE	FALSE		3.540678e+02	
	2530	23	IgE	FALSE		8.639255e+02	
##	2531	23	IgG	TRUE	PT	1.291980e+02	IU/ML
##	2532	23	IgG	TRUE	PRN	1.030817e+03	IU/ML
##	2533	23	IgG	TRUE	FHA	6.408948e+02	IU/ML
##	2534	23	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	2535	23	IgE	TRUE	LOS	1.922078e+00	IU/ML
##	2536	23	IgE	TRUE	FELD1	2.262698e+00	IU/ML
##	2537	23	IgE	TRUE	BETV1	8.730408e-01	IU/ML
##	2538	23	IgE	TRUE	LOLP1	1.000000e-01	IU/ML
##	2539	23	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	2540	23	IgE	TRUE	PTM	6.948555e-01	IU/ML
##	2541	23	IgE	TRUE 1	L% PFA PT	1.000000e-01	IU/ML
##	2542	23	IgE	TRUE	PRN	5.909091e-01	IU/ML
##	2543	23	IgE	TRUE	FHA	1.123232e+00	IU/ML
##	2544	23	IgE	TRUE	FIM2/3	1.000000e-01	IU/ML
##	2545	23	IgE	TRUE		7.714505e-01	
##	2546	23	IgE	TRUE	DT	1.046050e+00	IU/ML
##	2547	23	IgE	TRUE		1.000000e-01	
	2548	23	IgG1	TRUE		2.001163e+02	
	2549	23	IgG1	TRUE		2.181017e+02	
	2550	23	IgG1	TRUE		3.252472e+02	
	2551	23	IgG1	TRUE		1.000000e-01	
	2552	23	IgG1	TRUE		1.00000e-01	
	2553	23	IgG1	TRUE		3.521176e+01	
	2554	23	IgG1	TRUE		1.142435e+04	
	2555	23	IgG1			1.345025e+04	
	2556	23	IgG1	TRUE		3.219936e+04	
	2557	23	IgG1	TRUE		3.131035e+04	
	2558	23	IgG1	TRUE		8.601139e+04	
	2559	23	IgG1	TRUE		2.450131e+04	
	2560	23	IgG1	TRUE		2.099790e+04	
	2561	23	IgG1	TRUE		8.363416e+02	
	2562	23	IgG1	TRUE		6.517872e+00	
	2563	23	IgG2	TRUE		3.673033e+00	
	2564	23	IgG2	TRUE		1.937157e+00	
	2565	23	IgG2	TRUE		7.159091e-01	
		23	IgG2	TRUE		4.687500e-01	
	2566 2567	23		TRUE		9.876033e-01	
			IgG2				
##	2568	23	IgG2	TRUE	measies	1.537879e+00	TU/ML

	2569	23	IgG2	TRUE	PTM	7.291667e-01	IU/ML
##	2570	23	IgG2	TRUE	1% PFA PT	3.796808e+00	IU/ML
##	2571	23	IgG2	TRUE	PRN	9.589006e+00	IU/ML
##	2572	23	IgG2	TRUE	FHA	1.640353e+01	IU/ML
##	2573	23	IgG2	TRUE	FIM2/3	8.245422e+01	IU/ML
##	2574	23	IgG2	TRUE	TT	4.144495e+00	IU/ML
##	2575	23	IgG2	TRUE	DT	1.160618e+03	IU/ML
##	2576	23	IgG2	TRUE	OVA	1.119861e+00	IU/ML
##	2577	23	IgG2	TRUE	PD1	5.552605e+00	IU/ML
##	2578	23	IgG3	TRUE	ACT	6.957757e+00	IU/ML
##	2579	23	IgG3	TRUE	LOS	8.284368e+00	IU/ML
##	2580	23	IgG3	TRUE	FELD1	4.100379e-01	IU/ML
##	2581	23	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	2582	23	IgG3	TRUE	LOLP1	8.758741e-01	IU/ML
##	2583	23	IgG3	TRUE	Measles	8.646035e-01	IU/ML
##	2584	23	IgG3	TRUE	PTM	1.249119e+00	IU/ML
##	2585	23	IgG3	TRUE	1% PFA PT	2.157668e+00	IU/ML
##	2586	23	IgG3	TRUE	PRN	1.752838e+01	IU/ML
##	2587	23	IgG3	TRUE		2.413794e+02	
##	2588	23	IgG3	TRUE	FIM2/3	2.926212e+02	IU/ML
##	2589	23	IgG3	TRUE	TT	4.717703e+00	IU/ML
##	2590	23	IgG3	TRUE		1.997548e+01	
	2591	23	IgG3	TRUE		1.931494e+00	
##	2592	23	IgG3	TRUE	PD1	1.392344e+00	IU/ML
	2593	23	IgG4	TRUE		1.000000e-01	
	2594	23	IgG4	TRUE		5.112903e+00	
	2595	23	IgG4	TRUE		8.668350e+00	
##	2596	23	IgG4	TRUE		2.560606e-01	
	2597	23	IgG4	TRUE		1.000000e-01	
	2598	23	IgG4	TRUE		1.000000e-01	
	2599	23	IgG4	TRUE		5.867045e-01	
	2600	23	IgG4			5.966242e-01	
	2601	23	IgG4	TRUE		4.604697e+01	
	2602	23	IgG4	TRUE		2.422616e+01	
	2603	23	IgG4	TRUE		2.231514e+02	•
	2604	23	IgG4	TRUE		5.361420e+00	
	2605	23	IgG4	TRUE		1.244702e+01	•
	2606	23	IgG4	TRUE		9.061343e+01	
	2607	23	IgG4	TRUE		4.717172e-01	
	2608	32	IgE	FALSE		4.995540e+02	
	2609	32	IgE	FALSE		1.218912e+03	
	2610	32	IgG	TRUE		1.054266e+02	
	2611	32	IgG	TRUE		8.747123e+02	
	2612	32	IgG	TRUE		1.628078e+02	
	2613	32	IgE	TRUE		1.000000e-01	
	2614	32	IgE	TRUE		1.441558e+00	
	2615	32	IgE	TRUE		7.542327e-01	
	2616	32	IgE	TRUE		1.000000e-01	
	2617	32	IgE	TRUE		1.000000e-01	
	2618	32	IgE	TRUE		1.000000e 01 1.000000e-01	
	2619	32	IgE	TRUE		5.211416e+00	
	2620	32	IgE			1.124681e+00	
	2621	32	IgE	TRUE		2.954545e+00	
	2622	32		TRUE		3.369697e+00	
##	2022	J2	IgE	INUL	гпа	J.JUJUJ1ETUU	TO/ PIL

					_		
	2623	32	IgE	TRUE		8.823748e+00	
	2624	32	IgE	TRUE		2.057201e+00	
##	2625	32	IgE	TRUE		2.092100e+00	
##	2626	32	IgE	TRUE	OVA	1.383838e+00	IU/ML
##	2627	32	IgG1	TRUE		1.085064e+03	
##	2628	32	IgG1	TRUE	LOS	8.582251e+00	IU/ML
##	2629	32	IgG1	TRUE	FELD1	9.567009e-01	IU/ML
##	2630	32	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	2631	32	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	2632	32	IgG1	TRUE	Measles	3.681025e+01	IU/ML
##	2633	32	IgG1	TRUE	PTM	1.273541e+04	IU/ML
##	2634	32	IgG1	TRUE	1% PFA PT	1.299142e+04	IU/ML
##	2635	32	IgG1	TRUE	PRN	2.759528e+04	IU/ML
##	2636	32	IgG1	TRUE	FHA	2.398525e+04	IU/ML
##	2637	32	IgG1	TRUE	FIM2/3	3.436255e+04	IU/ML
##	2638	32	IgG1	TRUE	TT	2.495360e+04	IU/ML
##	2639	32	IgG1	TRUE	DT	1.964136e+04	IU/ML
##	2640	32	IgG1	TRUE	OVA	1.742922e+02	IU/ML
##	2641	32	IgG1	TRUE	PD1	2.767533e+00	IU/ML
##	2642	32	IgG2	TRUE	ACT	5.861548e+01	IU/ML
##	2643	32	IgG2	TRUE		1.220409e+01	
##	2644	32	IgG2	TRUE		1.670455e+00	
	2645	32	IgG2	TRUE		4.687500e-01	
	2646	32	IgG2	TRUE		1.036983e+01	
	2647	32	IgG2	TRUE		1.268750e+01	
	2648	32	IgG2	TRUE		2.275000e+01	•
	2649	32	IgG2			4.018289e+01	•
	2650	32	IgG2	TRUE		1.430581e+03	
	2651	32	IgG2	TRUE		5.226762e+02	
	2652	32	IgG2	TRUE		2.463530e+02	
	2653	32	IgG2	TRUE		2.933028e+01	
	2654	32	IgG2	TRUE		1.648288e+03	•
	2655	32	IgG2	TRUE		2.109538e+02	•
	2656	32	IgG2	TRUE		4.534627e+01	•
	2657	32	IgG3	TRUE		6.795949e+00	•
	2658	32	IgG3	TRUE		3.719512e+00	-
	2659	32	IgG3	TRUE		4.100379e-01	•
	2660	32	IgG3	TRUE		1.000000e-01	
	2661	32	IgG3	TRUE		4.379371e-01	
	2662	32	IgG3	TRUE		1.296905e+00	
	2663	32	IgG3	TRUE		1.837990e+01	
	2664	32	IgG3			2.157668e+01	
	2665	32	IgG3	TRUE		3.522057e+02	
	2666	32	IgG3	TRUE		1.080223e+03	
	2667	32	IgG3	TRUE		9.292078e+02	
	2668	32	IgG3	TRUE		3.927488e+02	
	2669	32	IgG3	TRUE		2.140230e+01	
	2670	32	_	TRUE		1.073052e+00	
		32	IgG3				
	2671	32	IgG3	TRUE		4.641148e-01 2.652597e+00	
	2672		IgG4	TRUE			
	2673	32	IgG4	TRUE		1.394428e+00	
	2674	32	IgG4	TRUE		4.562290e-01	
	2675	32	IgG4	TRUE		1.280303e+00	
##	2676	32	IgG4	TRUE	LULP1	1.000000e-01	TO/MF

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	2677	32 32	IgG4	TRUE TRUE		4.722222e-01	
	2678 2679	32	IgG4			1.657440e+02 1.956927e+02	
			IgG4				
	2680	32	IgG4	TRUE		1.660400e+02	
	2681	32	IgG4	TRUE		3.572593e+02	
	2682	32	IgG4	TRUE		3.301142e+03	
	2683	32	IgG4	TRUE		4.270371e+02	
	2684	32	IgG4	TRUE		1.163050e+03	
	2685	32	IgG4	TRUE		4.551290e+03	
	2686	32	IgG4	TRUE		1.000000e-01	
	2687	41	IgE -	FALSE		5.540669e+02	
	2688	41	IgE	FALSE		1.351923e+03	
	2689	41	IgG	TRUE		9.774326e+01	
	2690	41	IgG	TRUE		6.460929e+02	
	2691	41	IgG	TRUE		6.400000e-02	
	2692	41	IgE	TRUE		1.000000e-01	
	2693	41	IgE	TRUE		1.441558e+00	
##	2694	41	IgE	TRUE		7.542327e-01	
##	2695	41	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	2696	41	IgE	TRUE	LOLP1	3.206807e+01	IU/ML
##	2697	41	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	2698	41	IgE	TRUE	PTM	1.111769e+01	IU/ML
##	2699	41	IgE	TRUE	1% PFA PT	1.124681e+01	IU/ML
##	2700	41	IgE	TRUE	PRN	1.772727e+00	IU/ML
##	2701	41	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	2702	41	IgE	TRUE	FIM2/3	6.617811e+00	IU/ML
##	2703	41	IgE	TRUE	TT	1.800051e+00	IU/ML
##	2704	41	IgE	TRUE	DT	2.144403e+01	IU/ML
##	2705	41	IgE	TRUE	AVO	1.000000e-01	IU/ML
##	2706	41	IgG1	TRUE	ACT	2.688192e+03	IU/ML
##	2707	41	IgG1	TRUE	LOS	8.103896e+00	IU/ML
##	2708	41	IgG1	TRUE	FELD1	2.432985e+00	IU/ML
##	2709	41	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	2710	41	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	2711	41	IgG1	TRUE	Measles	4.453626e+01	IU/ML
##	2712	41	IgG1	TRUE	PTM	8.552416e+03	IU/ML
##	2713	41	IgG1	TRUE	1% PFA PT	1.018099e+04	IU/ML
##	2714	41	IgG1	TRUE	PRN	2.704272e+04	IU/ML
##	2715	41	IgG1	TRUE	FHA	3.205186e+04	IU/ML
##	2716	41	IgG1	TRUE	FIM2/3	5.762160e+04	IU/ML
##	2717	41	IgG1	TRUE	TT	2.383846e+04	IU/ML
##	2718	41	IgG1	TRUE		2.255748e+04	
	2719	41	IgG1	TRUE		9.759740e+01	
	2720	41	IgG1	TRUE		4.173910e+00	
	2721	41	IgG2	TRUE		7.820499e+01	
	2722	41	IgG2	TRUE		1.549725e+00	
	2723	41	IgG2	TRUE		2.386364e-01	
	2724	41	IgG2	TRUE		1.000000e-01	
	2725	41	IgG2	TRUE		1.481405e+00	
	2726	41	IgG2	TRUE		1.153409e+00	
	2727	41	IgG2	TRUE		2.406250e+01	
	2728	41	IgG2			3.796808e+01	
	2729	41	IgG2	TRUE		1.385446e+02	
	2730	41	IgG2	TRUE		1.567656e+03	
ππ	2100	-II	1802	TIVE	FIIA	1.00/0006/03	TO / PIL

	2731	41	IgG2	TRUE	FIM2/3	4.190021e+02	IU/ML
	2732	41	IgG2	TRUE	TT	2.933028e+01	IU/ML
##	2733	41	IgG2	TRUE	DT	6.931752e+02	IU/ML
##	2734	41	IgG2	TRUE		4.143486e+01	-
##	2735	41	IgG2	TRUE	PD1	1.388151e+00	IU/ML
##	2736	41	IgG3	TRUE	ACT	2.912549e+02	IU/ML
##	2737	41	IgG3	TRUE	LOS	9.636918e+00	IU/ML
##	2738	41	IgG3	TRUE	FELD1	1.025095e+00	IU/ML
##	2739	41	IgG3	TRUE		1.732620e+00	
##	2740	41	IgG3	TRUE	LOLP1	2.189685e+00	IU/ML
##	2741	41	IgG3	TRUE	Measles	4.755319e+00	IU/ML
##	2742	41	IgG3	TRUE	PTM	5.121388e+01	IU/ML
##	2743	41	IgG3	TRUE	1% PFA PT	6.239256e+01	IU/ML
##	2744	41	IgG3	TRUE	PRN	6.727949e+02	IU/ML
##	2745	41	IgG3	TRUE	FHA	1.645436e+03	IU/ML
##	2746	41	IgG3	TRUE	FIM2/3	1.376864e+03	IU/ML
##	2747	41	IgG3	TRUE	TT	3.275434e+02	IU/ML
##	2748	41	IgG3	TRUE	DT	2.856494e+02	IU/ML
##	2749	41	IgG3	TRUE	OVA	1.309123e+01	IU/ML
##	2750	41	IgG3	TRUE	PD1	3.248804e+00	IU/ML
##	2751	41	IgG4	TRUE	ACT	8.681228e+00	IU/ML
##	2752	41	IgG4	TRUE	LOS	2.324047e-01	IU/ML
##	2753	41	IgG4	TRUE	FELD1	4.562290e-01	IU/ML
##	2754	41	IgG4	TRUE	BETV1	1.792424e+00	IU/ML
##	2755	41	IgG4	TRUE	LOLP1	1.210774e+01	IU/ML
##	2756	41	IgG4	TRUE	Measles	9.44444e-01	IU/ML
##	2757	41	IgG4	TRUE	PTM	2.939390e+02	IU/ML
##	2758	41	IgG4	TRUE	1% PFA PT	3.746800e+02	IU/ML
##	2759	41	IgG4	TRUE	PRN	5.254772e+01	IU/ML
##	2760	41	IgG4	TRUE	FHA	2.930753e+03	IU/ML
##	2761	41	IgG4	TRUE	FIM2/3	1.758401e+02	IU/ML
##	2762	41	IgG4	TRUE	TT	3.937963e+02	IU/ML
##	2763	41	IgG4	TRUE	DT	2.346513e+03	IU/ML
##	2764	41	IgG4	TRUE	AVO	2.782429e+03	IU/ML
##	2765	41	IgG4	TRUE	PD1	1.000000e-01	IU/ML
##	2766	50	IgE	FALSE	Total	0.000000e+00	UG/ML
##	2767	50	IgE	FALSE	Total	0.000000e+00	IU/ML
##	2768	50	IgG	TRUE	PT	1.625000e+02	IU/ML
##	2769	50	IgG	TRUE	PRN	5.843148e+01	IU/ML
##	2770	50	IgG	TRUE	FHA	1.378316e+02	IU/ML
##	2771	50	IgE	TRUE	ACT	4.073273e+01	IU/ML
##	2772	50	IgE	TRUE	LOS	4.331803e+03	IU/ML
##	2773	50	IgE	TRUE	FELD1	8.258273e+03	IU/ML
##	2774	50	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	2775	50	IgE	TRUE	LOLP1	3.693373e+01	IU/ML
##	2776	50	IgE	TRUE	Measles	2.389807e-01	IU/ML
##	2777	50	IgE	TRUE	PTM	2.650538e+00	IU/ML
##	2778	50	IgE	TRUE	1% PFA PT	2.345827e+00	IU/ML
##	2779	50	IgE	TRUE	PRN	1.732102e+00	IU/ML
##	2780	50	IgE	TRUE	FHA	5.931354e+00	IU/ML
##	2781	50	IgE	TRUE	FIM2/3	8.386364e+00	IU/ML
##	2782	50	IgE	TRUE	TT	9.950593e-01	IU/ML
##	2783	50	IgE	TRUE	DT	5.399590e+00	IU/ML
##	2784	50	IgE	TRUE	AVO	2.527302e+00	IU/ML

	2785	50	IgG1	TRUE		1.017274e+03	
	2786	50	IgG1	TRUE		4.584838e+03	
##	2787	50	IgG1	TRUE		9.412427e+03	
##	2788	50	IgG1	TRUE		2.554575e+00	•
##	2789	50	IgG1	TRUE		1.518312e-01	
	2790	50	IgG1	TRUE		4.693064e+01	
	2791	50	IgG1	TRUE	PTM	1.321752e+04	IU/ML
##	2792	50	IgG1	TRUE	1% PFA PT	1.539316e+04	IU/ML
##	2793	50	IgG1	TRUE		1.984502e+04	
##	2794	50	IgG1	TRUE		3.088758e+04	
##	2795	50	IgG1	TRUE		1.223092e+05	
##	2796	50	IgG1	TRUE	TT	2.571533e+04	IU/ML
##	2797	50	IgG1	TRUE	DT	2.045334e+04	IU/ML
##	2798	50	IgG1	TRUE	AVO	2.623611e+02	IU/ML
##	2799	50	IgG1	TRUE	PD1	9.843109e+00	IU/ML
##	2800	50	IgG2	TRUE	ACT	1.991419e+01	IU/ML
##	2801	50	IgG2	TRUE	LOS	3.139553e+01	IU/ML
##	2802	50	IgG2	TRUE	FELD1	7.405682e+01	IU/ML
##	2803	50	IgG2	TRUE	BETV1	4.687500e-01	IU/ML
##	2804	50	IgG2	TRUE	LOLP1	7.407025e-01	IU/ML
##	2805	50	IgG2	TRUE	Measles	1.899733e+00	IU/ML
##	2806	50	IgG2	TRUE	PTM	1.484848e+00	IU/ML
##	2807	50	IgG2	TRUE	1% PFA PT	2.437967e+00	IU/ML
##	2808	50	IgG2	TRUE	PRN	2.723613e+01	IU/ML
##	2809	50	IgG2	TRUE	FHA	8.288525e+01	IU/ML
##	2810	50	IgG2	TRUE	FIM2/3	4.960904e+02	IU/ML
##	2811	50	IgG2	TRUE	TT	1.177890e+02	IU/ML
##	2812	50	IgG2	TRUE	DT	8.978712e+02	IU/ML
##	2813	50	IgG2	TRUE	AVO	1.148408e+02	IU/ML
##	2814	50	IgG2	TRUE	PD1	2.206169e+00	IU/ML
##	2815	50	IgG3	TRUE	ACT	2.867003e+01	IU/ML
##	2816	50	IgG3	TRUE	LOS	6.931818e+00	IU/ML
##	2817	50	IgG3	TRUE	FELD1	1.744525e+01	IU/ML
##	2818	50	IgG3	TRUE	BETV1	7.363636e-01	IU/ML
##	2819	50	IgG3	TRUE	LOLP1	8.930481e-01	IU/ML
##	2820	50	IgG3	TRUE	Measles	6.625494e-01	IU/ML
##	2821	50	IgG3	TRUE	PTM	1.201016e+01	IU/ML
##	2822	50	IgG3	TRUE	1% PFA PT	1.619788e+01	IU/ML
##	2823	50	IgG3	TRUE	PRN	3.336405e+01	IU/ML
##	2824	50	IgG3	TRUE	FHA	3.006489e+02	IU/ML
##	2825	50	IgG3	TRUE	FIM2/3	1.377100e+03	IU/ML
##	2826	50	IgG3	TRUE	TT	8.059740e+01	IU/ML
##	2827	50	IgG3	TRUE	DT	2.488863e+02	IU/ML
##	2828	50	IgG3	TRUE	AVO	2.827807e+01	IU/ML
##	2829	50	IgG3	TRUE	PD1	3.248804e+00	IU/ML
##	2830	50	IgG4	TRUE	ACT	4.445903e+00	IU/ML
	2831	50	IgG4	TRUE		8.973386e+02	
	2832	50	IgG4	TRUE		1.770265e+03	
	2833	50	IgG4	TRUE		1.355615e+00	
	2834	50	IgG4	TRUE		1.734266e+00	
	2835	50	IgG4	TRUE		2.527027e+00	
	2836	50	IgG4	TRUE		5.831552e+00	
	2837	50	IgG4			6.500836e+00	
	2838	50	IgG4	TRUE		1.996719e+03	
			<b>O</b>				

##	2839	50	IgG4	TRUE	FHA	3.630831e+02	IU/ML
##	2840	50	IgG4	TRUE	FIM2/3	8.863486e+02	IU/ML
##	2841	50	IgG4	TRUE	TT	1.755776e+03	IU/ML
##	2842	50	IgG4	TRUE	DT	5.262357e+03	IU/ML
##	2843	50	IgG4	TRUE	OVA	1.366544e+04	IU/ML
##	2844	50	IgG4	TRUE	PD1	1.651010e+00	IU/ML
##	2845	59	IgE	FALSE	Total	5.770124e+02	UG/ML
##	2846	59	IgE	FALSE	Total	1.407910e+03	IU/ML
##	2847	59	IgG	TRUE	PT	6.990745e+01	IU/ML
##	2848	59	IgG	TRUE	PRN	1.016814e+02	IU/ML
##	2849	59	IgG	TRUE	FHA	1.413182e+02	IU/ML
##	2850	59	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	2851	59	IgE	TRUE	LOS	1.681818e+00	IU/ML
##	2852	59	IgE	TRUE	FELD1	5.313520e-01	IU/ML
##	2853	59	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	2854	59	IgE	TRUE	LOLP1	2.735832e-01	IU/ML
##	2855	59	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	2856	59	IgE	TRUE	PTM	1.000000e-01	IU/ML
##	2857	59	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	2858	59	IgE	TRUE	PRN	9.897727e-01	IU/ML
##	2859	59	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	2860	59	IgE	TRUE	FIM2/3	1.863636e+00	IU/ML
##	2861	59	IgE	TRUE	TT	1.000000e-01	IU/ML
##	2862	59	IgE	TRUE	DT	7.363077e-01	IU/ML
##	2863	59	IgE	TRUE	OVA	1.010921e+00	IU/ML
##	2864	59	IgG1	TRUE	ACT	1.314702e+02	IU/ML
##	2865	59	IgG1	TRUE	LOS	4.588745e+00	IU/ML
##	2866	59	IgG1	TRUE	FELD1	5.175622e+00	IU/ML
##	2867	59	IgG1	TRUE	BETV1	3.052980e+00	IU/ML
##	2868	59	IgG1	TRUE	LOLP1	2.826831e+00	IU/ML
##	2869	59	IgG1	TRUE	Measles	3.304036e+01	IU/ML
##	2870	59	IgG1	TRUE	PTM	3.975849e+03	IU/ML
##	2871	59	IgG1	TRUE	1% PFA PT	4.593913e+03	IU/ML
##	2872	59	IgG1	TRUE	PRN	2.621647e+04	IU/ML
##	2873	59	IgG1	TRUE	FHA	2.727501e+04	IU/ML
##	2874	59	IgG1	TRUE	FIM2/3	9.975703e+04	IU/ML
##	2875	59	IgG1	TRUE	TT	2.196625e+04	IU/ML
##	2876	59	IgG1	TRUE		8.956157e+03	
##	2877	59	IgG1	TRUE	OVA	3.587489e+00	IU/ML
##	2878	59	IgG1	TRUE	PD1	7.816716e+00	IU/ML
##	2879	59	IgG2	TRUE	ACT	1.485905e+02	IU/ML
##	2880	59	IgG2	TRUE	LOS	1.822967e+01	IU/ML
	2881	59	IgG2	TRUE		1.000000e-01	
	2882	59	IgG2	TRUE		4.687500e-01	
##	2883	59	IgG2	TRUE	LOLP1	4.938017e-01	IU/ML
	2884	59	IgG2	TRUE		2.849599e+00	
	2885	59	IgG2	TRUE		1.979798e+00	
	2886	59	IgG2			6.826307e+00	
	2887	59	IgG2	TRUE		1.075596e+02	
	2888	59	IgG2	TRUE		4.979965e+02	
##	2889	59	IgG2	TRUE		2.354663e+03	
##	2890	59	IgG2	TRUE		1.622419e+02	
##	2891	59	IgG2	TRUE		1.619717e+03	
	2892	59	IgG2	TRUE		1.000000e-01	
			J.		2.11		.,

	2893	59	IgG2	TRUE		4.167208e+00	
##	2894	59	IgG3	TRUE	ACT	2.166793e+02	IU/ML
##	2895	59	IgG3	TRUE	LOS	1.223262e+00	IU/ML
##	2896	59	IgG3	TRUE	FELD1	1.341942e+00	IU/ML
##	2897	59	IgG3	TRUE	BETV1	4.909091e-01	IU/ML
	2898	59	IgG3	TRUE		1.00000e-01	
	2899	59	IgG3	TRUE		8.833992e-01	
	2900	59	_	TRUE			
			IgG3			1.000000e-01	
	2901	59	IgG3			1.417314e+00	
	2902	59	IgG3	TRUE		8.201220e+00	
##	2903	59	IgG3	TRUE		1.858768e+02	
##	2904	59	IgG3	TRUE	FIM2/3	5.504024e+01	IU/ML
##	2905	59	IgG3	TRUE	TT	6.025974e+00	IU/ML
##	2906	59	IgG3	TRUE	DT	1.407495e+01	IU/ML
##	2907	59	IgG3	TRUE	AVO	1.000000e-01	IU/ML
##	2908	59	IgG3	TRUE	PD1	1.392344e+00	IU/ML
##	2909	59	IgG4	TRUE	ACT	4.445903e+00	IU/ML
##	2910	59	IgG4	TRUE	LOS	1.987461e+00	IU/ML
	2911	59	IgG4	TRUE		2.842657e+00	
	2912	59	IgG4	TRUE		4.518717e-01	
	2913	59	IgG4	TRUE		8.671329e-01	
	2914	59	IgG4	TRUE		1.378378e+00	
	2915	59	IgG4	TRUE		3.551945e+01	
	2916	59	IgG4			4.225544e+01	
	2917	59	IgG4	TRUE		3.784884e+03	
			IgG4	TRUE			
	2918	59 50		TRUE		5.776322e+02	
	2919	59	IgG4			8.494929e+02	
	2920	59	IgG4	TRUE		7.503740e+03	
	2921	59	IgG4	TRUE		2.260278e+04	
	2922	59	IgG4	TRUE		4.314866e+02	
##	2923	59	IgG4	TRUE	PD1	1.179293e+00	IU/ML
##	2924	74	IgE	FALSE	Total	1.881010e+03	UG/ML
##	2925	74	IgE	FALSE	Total	4.589663e+03	IU/ML
##	2926	74	IgG	TRUE	PT	1.740970e+01	IU/ML
##	2927	74	IgG	TRUE	PRN	5.170230e+02	IU/ML
##	2928	74	IgG	TRUE	FHA	3.320398e+02	IU/ML
##	2929	74	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	2930	74	IgE	TRUE		5.606061e-01	
	2931	74	IgE	TRUE		1.00000e-01	
	2932	74	IgE	TRUE		1.054924e+00	
	2933	74	IgE	TRUE		1.367916e+00	
	2934	74	IgE	TRUE		1.000000e-01	
	2935	74	IgE	TRUE		6.264907e+00	
	2936	74				6.333732e+00	
			IgE				
	2937	74	IgE	TRUE		1.484659e+00	
	2938	74	IgE	TRUE		3.352505e+00	
	2939	74	IgE	TRUE		3.727273e+00	
	2940	74	IgE	TRUE		6.467885e+00	
	2941	74	IgE	TRUE		2.650708e+01	
	2942	74	IgE	TRUE		1.010921e+00	
	2943	74	IgG1	TRUE		5.794819e+02	
	2944	74	IgG1	TRUE		1.001082e+00	
##	2945	74	IgG1	TRUE	FELD1	9.642053e-01	IU/ML
##	2946	74	IgG1	TRUE	BETV1	1.000000e-01	IU/ML

	2947	74	IgG1	TRUE		2.228138e+01	
	2948	74	IgG1	TRUE		1.840596e+01	
	2949	74	IgG1	TRUE		1.804981e+02	
	2950	74	IgG1			3.928404e+02	
	2951	74	IgG1	TRUE		1.859763e+04	
	2952	74	IgG1	TRUE	FHA	2.513120e+04	IU/ML
	2953	74	IgG1	TRUE		7.882093e+04	
	2954	74	IgG1	TRUE	TT	1.929303e+04	IU/ML
##	2955	74	IgG1	TRUE		1.108485e+04	-
##	2956	74	IgG1	TRUE	OVA	2.082241e+01	IU/ML
##	2957	74	IgG1	TRUE	PD1	2.750733e+00	IU/ML
##	2958	74	IgG2	TRUE	ACT	1.074856e+02	IU/ML
##	2959	74	IgG2	TRUE	LOS	3.544657e+00	IU/ML
##	2960	74	IgG2	TRUE	FELD1	5.037879e-01	IU/ML
##	2961	74	IgG2	TRUE		1.875000e+00	
##	2962	74	IgG2	TRUE	LOLP1	1.728306e+00	IU/ML
##	2963	74	IgG2	TRUE	Measles	9.498663e-01	IU/ML
##	2964	74	IgG2	TRUE	PTM	2.969697e+00	IU/ML
##	2965	74	IgG2	TRUE	1% PFA PT	5.119730e+00	IU/ML
##	2966	74	IgG2	TRUE	PRN	2.446635e+02	IU/ML
##	2967	74	IgG2	TRUE	FHA	1.469101e+03	IU/ML
##	2968	74	IgG2	TRUE	FIM2/3	1.968815e+03	IU/ML
##	2969	74	IgG2	TRUE	TT	1.575032e+02	IU/ML
##	2970	74	IgG2	TRUE	DT	2.366878e+03	IU/ML
##	2971	74	IgG2	TRUE	OVA	2.794798e+01	IU/ML
##	2972	74	IgG2	TRUE	PD1	7.108766e+00	IU/ML
##	2973	74	IgG3	TRUE	ACT	1.470258e+01	IU/ML
##	2974	74	IgG3	TRUE	LOS	2.854278e+00	IU/ML
##	2975	74	IgG3	TRUE	FELD1	1.341942e+00	IU/ML
##	2976	74	IgG3	TRUE	BETV1	4.909091e-01	IU/ML
##	2977	74	IgG3	TRUE	LOLP1	1.290455e+02	IU/ML
##	2978	74	IgG3	TRUE	Measles	2.208498e+00	IU/ML
##	2979	74	IgG3	TRUE	PTM	6.005082e-01	IU/ML
##	2980	74	IgG3	TRUE	1% PFA PT	2.024735e+00	IU/ML
##	2981	74	IgG3	TRUE	PRN	1.180416e+03	IU/ML
##	2982	74	IgG3	TRUE	FHA	1.565075e+02	IU/ML
##	2983	74	IgG3	TRUE	FIM2/3	1.494015e+04	IU/ML
##	2984	74	IgG3	TRUE	TT	5.969481e+01	IU/ML
##	2985	74	IgG3	TRUE	DT	2.075197e+02	IU/ML
##	2986	74	IgG3	TRUE	OVA	8.395053e+00	IU/ML
##	2987	74	IgG3	TRUE	PD1	9.282297e-01	IU/ML
##	2988	74	IgG4	TRUE	ACT	3.452113e+01	IU/ML
##	2989	74	IgG4	TRUE	LOS	3.974922e+00	IU/ML
##	2990	74	IgG4	TRUE	FELD1	5.211538e+00	IU/ML
##	2991	74	IgG4	TRUE	BETV1	1.807487e+00	IU/ML
##	2992	74	IgG4	TRUE	LOLP1	1.951049e+00	IU/ML
##	2993	74	IgG4	TRUE	Measles	1.837838e+00	IU/ML
##	2994	74	IgG4	TRUE	PTM	2.470457e+02	IU/ML
##	2995	74	IgG4	TRUE	1% PFA PT	3.618799e+02	IU/ML
##	2996	74	IgG4	TRUE	PRN	7.495747e+03	IU/ML
##	2997	74	IgG4	TRUE	FHA	7.269494e+03	IU/ML
##	2998	74	IgG4	TRUE	FIM2/3	9.642893e+02	IU/ML
##	2999	74	IgG4	TRUE	TT	8.771627e+03	IU/ML
##	3000	74	IgG4	TRUE	DT	2.289609e+04	IU/ML

	3001	74	IgG4	TRUE		7.531403e+03	
	3002	74	IgG4	TRUE		4.481313e+00	
	3003	81	IgE	FALSE		3.307373e+02	
	3004	81	IgE	FALSE		8.069989e+02	
	3005	81	IgG	TRUE		3.821589e+00	
	3006	81	IgG	TRUE		1.256335e+03	
	3007	81	IgG	TRUE		1.239740e+02	
	3008	81	IgE	TRUE		1.000000e-01	
##	3009	81	IgE	TRUE		1.121212e+00	
##	3010	81	IgE	TRUE		1.000000e-01	
##	3011	81	IgE	TRUE		1.000000e-01	
##	3012	81	IgE	TRUE		8.207496e-01	
##	3013	81	IgE	TRUE		1.000000e-01	
##	3014	81	IgE	TRUE	PTM	1.000000e-01	IU/ML
##	3015	81	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	3016	81	IgE	TRUE	PRN	4.948864e-01	IU/ML
##	3017	81	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	3018	81	IgE	TRUE	FIM2/3	1.397727e+00	IU/ML
##	3019	81	IgE	TRUE	TT	1.000000e-01	IU/ML
##	3020	81	IgE	TRUE	DT	4.908718e-01	IU/ML
##	3021	81	IgE	TRUE	OVA	1.010921e+00	IU/ML
##	3022	81	IgG1	TRUE	ACT	9.534405e+01	IU/ML
##	3023	81	IgG1	TRUE	LOS	7.619048e-01	IU/ML
##	3024	81	IgG1	TRUE	FELD1	4.377783e-01	IU/ML
##	3025	81	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	3026	81	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	3027	81	IgG1	TRUE	Measles	7.988245e+00	IU/ML
##	3028	81	IgG1	TRUE	PTM	3.300115e+00	IU/ML
##	3029	81	IgG1	TRUE	1% PFA PT	2.212864e+01	IU/ML
##	3030	81	IgG1	TRUE	PRN	2.397694e+04	IU/ML
##	3031	81	IgG1	TRUE	FHA	2.003246e+04	IU/ML
##	3032	81	IgG1	TRUE	FIM2/3	7.320856e+04	IU/ML
##	3033	81	IgG1	TRUE	TT	2.448032e+04	IU/ML
##	3034	81	IgG1	TRUE	DT	2.111401e+04	IU/ML
##	3035	81	IgG1	TRUE	OVA	5.335959e+00	IU/ML
##	3036	81	IgG1	TRUE		2.244135e+00	
##	3037	81	IgG2	TRUE	ACT	4.391334e+01	IU/ML
##	3038	81	IgG2	TRUE	LOS	1.012759e+00	IU/ML
	3039	81	IgG2	TRUE		5.037879e-01	
##	3040	81	IgG2	TRUE	BETV1	1.406250e+00	IU/ML
	3041	81	IgG2	TRUE		4.938017e-01	
	3042	81	IgG2	TRUE		4.749332e-01	
##	3043	81	IgG2	TRUE		9.898990e-01	
	3044	81	IgG2			1.462780e+00	
	3045	81	IgG2	TRUE		2.231978e+02	
	3046	81	IgG2	TRUE		5.617017e+01	
	3047	81	IgG2	TRUE		2.828139e+03	
	3048	81	IgG2	TRUE		1.218506e+01	
	3049	81	IgG2	TRUE		1.432572e+03	
	3050	81	IgG2	TRUE		6.605885e+00	
	3051	81	IgG2	TRUE		8.579545e+00	
	3052	81	IgG3	TRUE		3.234568e+01	
	3053	81	IgG3	TRUE		5.504679e+00	
	3054	81	IgG3	TRUE		2.907541e+00	
π <b>π</b>	5501	J.	-640	11001	1 1111/1	5.0010416100	TO/1711

##	3055	81	IgG3	TRUE	BETV1	4.909091e-01	IU/ML
##	3056	81	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	3057	81	IgG3	TRUE	Measles	4.416996e+00	IU/ML
##	3058	81	IgG3	TRUE	PTM	1.201016e+00	IU/ML
##	3059	81	IgG3	TRUE		2.024735e+00	
##	3060	81	IgG3	TRUE		6.452869e+02	
##	3061	81	IgG3	TRUE	FHA	1.862632e+02	IU/ML
##	3062	81	IgG3	TRUE	FIM2/3	2.566115e+02	IU/ML
##	3063	81	IgG3	TRUE	TT	4.086364e+01	IU/ML
##	3064	81	IgG3	TRUE	DT	7.991826e+02	IU/ML
##	3065	81	IgG3	TRUE	AVO	1.767380e+00	IU/ML
##	3066	81	IgG3	TRUE	PD1	2.320574e+00	IU/ML
##	3067	81	IgG4	TRUE	ACT	2.353713e+00	IU/ML
##	3068	81	IgG4	TRUE	LOS	1.987461e+00	IU/ML
##	3069	81	IgG4	TRUE	FELD1	2.368881e+00	IU/ML
##	3070	81	IgG4	TRUE	BETV1	2.259358e+00	IU/ML
##	3071	81	IgG4	TRUE	LOLP1	1.300699e+00	IU/ML
##	3072	81	IgG4	TRUE	Measles	4.594595e-01	IU/ML
##	3073	81	IgG4	TRUE	PTM	2.120564e+00	IU/ML
##	3074	81	IgG4	TRUE	1% PFA PT	1.083473e+00	IU/ML
##	3075	81	IgG4	TRUE	PRN	3.194542e+01	IU/ML
##	3076	81	IgG4	TRUE	FHA	1.734295e+01	IU/ML
##	3077	81	IgG4	TRUE	FIM2/3	2.181130e+02	IU/ML
##	3078	81	IgG4	TRUE	TT	1.007370e+02	IU/ML
##	3079	81	IgG4	TRUE	DT	2.697228e+03	IU/ML
##	3080	81	IgG4	TRUE	AVO	3.557345e+03	IU/ML
##	3081	81	IgG4	TRUE	PD1	1.179293e+00	IU/ML
##	3082	7	IgE	FALSE	Total	6.509166e+02	UG/ML
##	3083	7	IgE	FALSE	Total	1.588237e+03	IU/ML
##	3084	7	IgG	TRUE	PT	2.288146e+02	IU/ML
##	3085	7	IgG	TRUE	PRN	7.028137e+01	IU/ML
##	3086	7	IgG	TRUE	FHA	1.773239e+02	IU/ML
##	3087	7	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	3088	7	IgE	TRUE	LOS	3.643939e+01	IU/ML
##	3089	7	IgE	TRUE	FELD1	6.535630e+01	IU/ML
##	3090	7	IgE	TRUE	BETV1	7.384470e+00	IU/ML
##	3091	7	IgE	TRUE	LOLP1	7.386747e+00	IU/ML
	3092	7	IgE	TRUE		2.389807e-01	
##	3093	7	IgE	TRUE	PTM	4.819159e-01	IU/ML
##	3094	7	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	3095	7	IgE	TRUE	PRN	4.948864e-01	IU/ML
##	3096	7	IgE	TRUE	FHA	1.031540e+00	IU/ML
##	3097	7	IgE	TRUE	FIM2/3	2.329545e+00	IU/ML
##	3098	7	IgE	TRUE	TT	1.000000e-01	IU/ML
##	3099	7	IgE	TRUE	DT	1.472615e+00	IU/ML
##	3100	7	IgE	TRUE	OVA	2.021842e+00	IU/ML
	3101	7	IgG1	TRUE		1.875608e+02	
	3102	7	IgG1	TRUE		7.458874e+00	
	3103	7	IgG1	TRUE		5.702049e+00	
	3104	7	IgG1	TRUE		2.554575e+00	
	3105	7	IgG1	TRUE		3.950131e-01	
	3106	7	IgG1	TRUE		3.080799e+01	
	3107	7	IgG1	TRUE		1.566731e+04	
	3108	7	IgG1			1.738200e+04	
			O .				.,

## 3109		0400	7	T 04	mpiin	DDM	0 440000 .04	TTT /34T
## 3111								
## 3112				_				
## 3113				_				
## 3114				_				
## 3115				_				
## 3116				_				
## 3117				_				
## 3118				_				
## 3119								
## 3120				_				
## 3121				_				
## 3122				_				
## 3123				_				
## 3124	##	3122		_	TRUE	PTM	1.484848e+00	IU/ML
## 3125	##	3123		_	TRUE	1% PFA PT	6.338713e+00	IU/ML
## 3126	##	3124		_				
## 3127	##	3125	7	IgG2	TRUE			
## 3128	##	3126	7	IgG2	TRUE	FIM2/3	1.206541e+03	IU/ML
## 3129	##	3127	7	IgG2	TRUE	TT	9.928571e+00	IU/ML
## 3130	##	3128	7	IgG2	TRUE	DT	5.564672e+02	IU/ML
## 3131 7 IgG3 TRUE ACT 3.308081e+00 IU/M ## 3132 7 IgG3 TRUE LOS 4.077540e-01 IU/M ## 3133 7 IgG3 TRUE ELD1 1.341942e+00 IU/M ## 3134 7 IgG3 TRUE BETV1 2.454545e-01 IU/M ## 3135 7 IgG3 TRUE BETV1 2.454545e-01 IU/M ## 3136 7 IgG3 TRUE LOLP1 1.000000e-01 IU/M ## 3137 7 IgG3 TRUE Measles 4.416996e-01 IU/M ## 3138 7 IgG3 TRUE PTM 5.604743e+00 IU/M ## 3138 7 IgG3 TRUE PRM 1.763262e+03 IU/M ## 3140 7 IgG3 TRUE PRN 1.763262e+03 IU/M ## 3141 7 IgG3 TRUE FIM2/3 1.352313e+02 IU/M ## 3142 7 IgG3 TRUE FIM2/3 1.352313e+02 IU/M ## 3143 7 IgG3 TRUE DT 6.934488e+01 IU/M ## 3144 7 IgG3 TRUE DT 6.934488e+01 IU/M ## 3145 7 IgG3 TRUE DT 6.934488e+01 IU/M ## 3146 7 IgG4 TRUE ACT 4.184379e+00 IU/M ## 3147 7 IgG4 TRUE BETV1 3.163102e+00 IU/M ## 3148 7 IgG4 TRUE BETV1 3.163102e+00 IU/M ## 3149 7 IgG4 TRUE BETV1 3.163102e+00 IU/M ## 3150 7 IgG4 TRUE BETV1 3.163102e+00 IU/M ## 3151 7 IgG4 TRUE PTM 9.012398e+01 IU/M ## 3152 7 IgG4 TRUE BETV1 3.163102e+00 IU/M ## 3153 7 IgG4 TRUE PTM 9.012398e+00 IU/M ## 3155 7 IgG4 TRUE PRM 1.003814e+03 IU/M ## 3156 7 IgG4 TRUE PRM 1.003814e+03 IU/M ## 3157 7 IgG4 TRUE PRM 1.003814e+03 IU/M ## 3158 7 IgG4 TRUE PRM 1.003814e+03 IU/M ## 3159 7 IgG4 TRUE FIM2/3 8.144498e+02 IU/M ## 3159 7 IgG4 TRUE PRM 1.003814e+03 IU/M ## 3150 7 IgG4 TRUE PRM 1.003814e+03 IU/M ##	##	3129	7	IgG2	TRUE	OVA	6.021519e+01	IU/ML
## 3132	##	3130	7	IgG2	TRUE	PD1	3.676948e+00	IU/ML
## 3133	##	3131	7	IgG3	TRUE	ACT	3.308081e+00	IU/ML
## 3133	##	3132	7	_	TRUE	LOS	4.077540e-01	IU/ML
## 3134	##	3133	7	_	TRUE	FELD1	1.341942e+00	IU/ML
## 3135	##	3134	7		TRUE	BETV1	2.454545e-01	IU/ML
## 3136	##	3135	7		TRUE	LOLP1	1.000000e-01	IU/ML
## 3137	##	3136	7	_	TRUE	Measles	4.416996e-01	IU/ML
## 3138	##	3137	7	_	TRUE	PTM	5.604743e+00	IU/ML
## 3139			7	_	TRUE			
## 3140				_				
## 3141			7	_	TRUE			
## 3142				_				
## 3143				_				
## 3144				_				
## 3145								
## 3146								
## 3147								
## 3148								
## 3149				_				
## 3150 7 IgG4 TRUE LOLP1 8.671329e-01 IU/M ## 3151 7 IgG4 TRUE Measles 9.189189e-01 IU/M ## 3152 7 IgG4 TRUE PTM 9.012398e+00 IU/M ## 3153 7 IgG4 TRUE 1% PFA PT 7.584309e+00 IU/M ## 3154 7 IgG4 TRUE PRN 1.003814e+03 IU/M ## 3155 7 IgG4 TRUE FHA 3.535724e+02 IU/M ## 3156 7 IgG4 TRUE FIM2/3 8.144498e+02 IU/M ## 3157 7 IgG4 TRUE TT 9.594614e+02 IU/M ## 3158 7 IgG4 TRUE DT 3.773930e+03 IU/M ## 3159 7 IgG4 TRUE DT 3.773930e+03 IU/M ## 3160 7 IgG4 TRUE PD1 1.651010e+00 IU/M ## 3161 24 IgE FALSE Total 1.490197e+02 UG/M				_				
## 3151 7 IgG4 TRUE Measles 9.189189e-01 IU/M ## 3152 7 IgG4 TRUE PTM 9.012398e+00 IU/M ## 3153 7 IgG4 TRUE 1% PFA PT 7.584309e+00 IU/M ## 3154 7 IgG4 TRUE PRN 1.003814e+03 IU/M ## 3155 7 IgG4 TRUE FHA 3.535724e+02 IU/M ## 3156 7 IgG4 TRUE FIM2/3 8.144498e+02 IU/M ## 3157 7 IgG4 TRUE TT 9.594614e+02 IU/M ## 3158 7 IgG4 TRUE DT 3.773930e+03 IU/M ## 3159 7 IgG4 TRUE DVA 3.587911e+03 IU/M ## 3160 7 IgG4 TRUE PD1 1.651010e+00 IU/M ## 3161 24 IgE FALSE Total 1.490197e+02 UG/M				_				
## 3152 7 IgG4 TRUE PTM 9.012398e+00 IU/M ## 3153 7 IgG4 TRUE 1% PFA PT 7.584309e+00 IU/M ## 3154 7 IgG4 TRUE PRN 1.003814e+03 IU/M ## 3155 7 IgG4 TRUE FHA 3.535724e+02 IU/M ## 3156 7 IgG4 TRUE FIM2/3 8.144498e+02 IU/M ## 3157 7 IgG4 TRUE TT 9.594614e+02 IU/M ## 3158 7 IgG4 TRUE DT 3.773930e+03 IU/M ## 3159 7 IgG4 TRUE DT 3.773930e+03 IU/M ## 3160 7 IgG4 TRUE PD1 1.651010e+00 IU/M ## 3161 24 IgE FALSE Total 1.490197e+02 UG/M				_				
## 3153				_				
## 3154 7 IgG4 TRUE PRN 1.003814e+03 IU/M ## 3155 7 IgG4 TRUE FHA 3.535724e+02 IU/M ## 3156 7 IgG4 TRUE FIM2/3 8.144498e+02 IU/M ## 3157 7 IgG4 TRUE TT 9.594614e+02 IU/M ## 3158 7 IgG4 TRUE DT 3.773930e+03 IU/M ## 3159 7 IgG4 TRUE OVA 3.587911e+03 IU/M ## 3160 7 IgG4 TRUE PD1 1.651010e+00 IU/M ## 3161 24 IgE FALSE Total 1.490197e+02 UG/M				_				
## 3155				_				
## 3156				_				
## 3157 7 IgG4 TRUE TT 9.594614e+02 IU/M ## 3158 7 IgG4 TRUE DT 3.773930e+03 IU/M ## 3159 7 IgG4 TRUE OVA 3.587911e+03 IU/M ## 3160 7 IgG4 TRUE PD1 1.651010e+00 IU/M ## 3161 24 IgE FALSE Total 1.490197e+02 UG/M				_				
## 3158 7 IgG4 TRUE DT 3.773930e+03 IU/M ## 3159 7 IgG4 TRUE OVA 3.587911e+03 IU/M ## 3160 7 IgG4 TRUE PD1 1.651010e+00 IU/M ## 3161 24 IgE FALSE Total 1.490197e+02 UG/M				_				
## 3159				_				
## 3160 7 IgG4 TRUE PD1 1.651010e+00 IU/M ## 3161 24 IgE FALSE Total 1.490197e+02 UG/M				_				
## 3161 24 IgE FALSE Total 1.490197e+02 UG/M				_				
<u> </u>				_				
## 3162 24 1gE FALSE Total 3.636080e+02 IU/M				_				
	##	3162	24	lgE	FALSE	Total	3.636080e+02	TU/ML

	3163	24	IgG	TRUE		1.648531e+02	
	3164	24	IgG	TRUE		7.175747e+01	
	3165	24	IgG	TRUE		1.362328e+02	
	3166	24	IgE	TRUE		1.000000e-01	
	3167	24	IgE	TRUE		2.242424e+00	
	3168	24	IgE	TRUE		2.125408e+00	-
##	3169	24	IgE	TRUE		5.274621e-01	
##	3170	24	IgE	TRUE	LOLP1	1.367916e+00	IU/ML
	3171	24	IgE	TRUE		4.779614e-01	•
	3172	24	IgE	TRUE		1.000000e-01	
##	3173	24	IgE			4.691653e-01	
##	3174	24	IgE	TRUE		1.000000e-01	
##	3175	24	IgE	TRUE		5.157699e-01	
##	3176	24	IgE	TRUE	FIM2/3	2.795455e+00	IU/ML
##	3177	24	IgE	TRUE		1.000000e-01	
##	3178	24	IgE	TRUE	DT	7.363077e-01	IU/ML
##	3179	24	IgE	TRUE	AVO	5.054604e-01	IU/ML
##	3180	24	IgG1	TRUE	ACT	1.478696e+02	IU/ML
##	3181	24	IgG1	TRUE	LOS	7.466775e+01	IU/ML
##	3182	24	IgG1	TRUE	FELD1	2.957634e+02	IU/ML
##	3183	24	IgG1	TRUE	BETV1	4.548196e+00	IU/ML
##	3184	24	IgG1	TRUE	LOLP1	2.340468e+00	IU/ML
##	3185	24	IgG1	TRUE	Measles	3.527273e+01	IU/ML
##	3186	24	IgG1	TRUE	PTM	9.272820e+03	IU/ML
##	3187	24	IgG1	TRUE	1% PFA PT	1.105535e+04	IU/ML
##	3188	24	IgG1	TRUE	PRN	2.886596e+04	IU/ML
##	3189	24	IgG1	TRUE	FHA	2.723504e+04	IU/ML
##	3190	24	IgG1	TRUE	FIM2/3	7.658284e+04	IU/ML
##	3191	24	IgG1	TRUE	TT	2.252058e+04	IU/ML
##	3192	24	IgG1	TRUE	DT	1.907587e+04	IU/ML
##	3193	24	IgG1	TRUE	AVO	7.217092e+02	IU/ML
##	3194	24	IgG1	TRUE	PD1	1.085630e+01	IU/ML
##	3195	24	IgG2	TRUE	ACT	2.297791e+00	IU/ML
##	3196	24	IgG2	TRUE	LOS	2.531898e+00	IU/ML
##	3197	24	IgG2	TRUE	FELD1	1.007576e+00	IU/ML
##	3198	24	IgG2	TRUE	BETV1	9.375000e-01	IU/ML
##	3199	24	IgG2	TRUE	LOLP1	4.938017e-01	IU/ML
##	3200	24	IgG2	TRUE	Measles	1.424799e+00	IU/ML
##	3201	24	IgG2	TRUE	PTM	9.898990e-01	IU/ML
##	3202	24	IgG2	TRUE	1% PFA PT	2.925560e+00	IU/ML
##	3203	24	IgG2	TRUE	PRN	8.309327e+00	IU/ML
##	3204	24	IgG2	TRUE	FHA	1.507005e+01	IU/ML
##	3205	24	IgG2	TRUE	FIM2/3	5.300111e+01	IU/ML
##	3206	24	IgG2	TRUE	TT	4.061688e+00	IU/ML
##	3207	24	IgG2	TRUE	DT	9.738176e+02	IU/ML
##	3208	24	IgG2	TRUE	AVO	2.286653e+00	IU/ML
##	3209	24	IgG2	TRUE	PD1	4.167208e+00	IU/ML
##	3210	24	IgG3	TRUE	ACT	5.145903e+00	IU/ML
##	3211	24	IgG3	TRUE	LOS	6.116310e+00	IU/ML
##	3212	24	IgG3	TRUE	FELD1	1.341942e+00	IU/ML
##	3213	24	IgG3	TRUE	BETV1	4.909091e-01	IU/ML
##	3214	24	IgG3	TRUE		1.000000e-01	
##	3215	24	IgG3	TRUE	Measles	4.416996e-01	IU/ML
##	3216	24	IgG3	TRUE	PTM	1.00000e-01	IU/ML

##	3217	24	IgG3	TRUE	1% PFA PT	8.098938e-01	IU/ML
##	3218	24	IgG3	TRUE	PRN	1.677522e+01	IU/ML
##	3219	24	IgG3	TRUE	FHA	1.271382e+02	IU/ML
##	3220	24	IgG3	TRUE	FIM2/3	1.567371e+02	IU/ML
##	3221	24	IgG3	TRUE	TT	2.824675e+00	IU/ML
##	3222	24	IgG3	TRUE	DT	2.076913e+01	IU/ML
##	3223	24	IgG3	TRUE	OVA	8.836898e-01	IU/ML
##	3224	24	IgG3	TRUE	PD1	4.641148e-01	IU/ML
##	3225	24	IgG4	TRUE	ACT	5.230474e-01	IU/ML
##	3226	24	IgG4	TRUE	LOS	4.471787e+00	IU/ML
##	3227	24	IgG4	TRUE	FELD1	6.395979e+00	IU/ML
##	3228	24	IgG4	TRUE	BETV1	1.000000e-01	IU/ML
##	3229	24	IgG4	TRUE	LOLP1	4.335664e-01	IU/ML
##	3230	24	IgG4	TRUE	Measles	4.594595e-01	IU/ML
##	3231	24	IgG4	TRUE	PTM	1.590423e+00	IU/ML
##	3232	24	IgG4	TRUE	1% PFA PT	2.166945e+00	IU/ML
##	3233	24	IgG4	TRUE	PRN	5.402153e+01	IU/ML
##	3234	24	IgG4	TRUE	FHA	2.909140e+01	IU/ML
##	3235	24	IgG4	TRUE	FIM2/3	1.226508e+02	IU/ML
##	3236	24	IgG4	TRUE	TT	9.322702e+00	IU/ML
##	3237	24	IgG4	TRUE	DT	1.393145e+01	IU/ML
##	3238	24	IgG4	TRUE	OVA	7.539554e+01	IU/ML
##	3239	24	IgG4	TRUE	PD1	1.651010e+00	IU/ML
##	3240	33	IgE	FALSE	Total	4.568203e+02	UG/ML
##	3241	33	IgE	FALSE	Total	1.114641e+03	IU/ML
	3242	33	IgG	TRUE		1.486644e+02	
##	3243	33	IgG	TRUE	PRN	6.958528e+01	IU/ML
##	3244	33	IgG	TRUE	FHA	1.288737e+02	IU/ML
##	3245	33	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	3246	33	IgE	TRUE	LOS	1.121212e+00	IU/ML
##	3247	33	IgE	TRUE	FELD1	5.313520e-01	IU/ML
##	3248	33	IgE	TRUE	BETV1	5.274621e-01	IU/ML
##	3249	33	IgE	TRUE	LOLP1	5.471664e-01	IU/ML
##	3250	33	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	3251	33	IgE	TRUE	PTM	4.819159e-01	IU/ML
##	3252	33	IgE	TRUE	1% PFA PT	4.691653e-01	IU/ML
##	3253	33	IgE	TRUE	PRN	1.484659e+00	IU/ML
##	3254	33	IgE	TRUE	FHA	1.031540e+00	IU/ML
##	3255	33	IgE	TRUE	FIM2/3	1.863636e+00	IU/ML
##	3256	33	IgE	TRUE	TT	1.492589e+00	IU/ML
##	3257	33	IgE	TRUE	DT	4.908718e-01	IU/ML
##	3258	33	IgE	TRUE	OVA	1.516381e+00	IU/ML
##	3259	33	IgG1	TRUE	ACT	8.228581e+02	IU/ML
##	3260	33	IgG1	TRUE	LOS	8.893939e+00	IU/ML
##	3261	33	IgG1	TRUE	FELD1	6.228476e+00	IU/ML
##	3262	33	IgG1	TRUE	BETV1	2.554575e+00	IU/ML
	3263	33	IgG1	TRUE		3.950131e-01	
	3264	33	IgG1	TRUE		2.683934e+01	
	3265	33	IgG1	TRUE		9.434411e+03	
	3266	33	IgG1			9.877415e+03	
	3267	33	IgG1	TRUE		2.431274e+04	
	3268	33	IgG1	TRUE		2.081514e+04	
	3269	33	IgG1	TRUE		3.031938e+04	
	3270	33	IgG1	TRUE		2.330262e+04	
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##	3271	33	IgG1	TRUE	DT	1.716829e+04	IU/ML
##	3272	33	IgG1	TRUE	AVO	1.572031e+02	IU/ML
##	3273	33	IgG1	TRUE	PD1	6.803519e+00	IU/ML
##	3274	33	IgG2	TRUE	ACT	8.425234e+01	IU/ML
##	3275	33	IgG2	TRUE	LOS	1.544458e+01	IU/ML
##	3276	33	IgG2	TRUE	FELD1	2.015152e+00	IU/ML
##	3277	33	IgG2	TRUE	BETV1	1.640625e+00	IU/ML
##	3278	33	IgG2	TRUE	LOLP1	7.900826e+00	IU/ML
##	3279	33	IgG2	TRUE	Measles	1.567279e+01	IU/ML
##	3280	33	IgG2	TRUE	PTM	3.514141e+01	IU/ML
##	3281	33	IgG2	TRUE	1% PFA PT	5.802361e+01	IU/ML
	3282	33	IgG2	TRUE		1.798738e+03	
##	3283	33	IgG2	TRUE	FHA	7.772490e+02	IU/ML
	3284	33	IgG2	TRUE		3.062286e+02	
	3285	33	IgG2	TRUE		3.565260e+01	
	3286	33	IgG2	TRUE		1.970112e+03	
	3287	33	IgG2	TRUE		2.886264e+02	
	3288	33	IgG2	TRUE		3.995617e+01	
	3289	33	IgG3	TRUE		5.145903e+00	
	3290	33	IgG3	TRUE		2.242647e+00	
	3291	33	IgG3	TRUE		8.946281e-01	
	3292	33	IgG3	TRUE		9.818182e-01	
	3293	33	IgG3	TRUE		1.000000e-01	
	3294	33	IgG3	TRUE		8.833992e-01	
	3295	33	IgG3	TRUE		6.005082e+00	
	3296	33	IgG3			6.074204e+00	
	3297	33	IgG3	TRUE		2.195690e+02	
	3298	33	IgG3	TRUE		9.896681e+02	
	3299	33	IgG3	TRUE		4.734919e+02	
	3300	33	IgG3	TRUE		2.606234e+02	
	3301	33	IgG3	TRUE		1.579141e+01	
	3302	33	IgG3	TRUE		8.836898e-01	
	3303	33	IgG3	TRUE		9.282297e-01	
	3304	33	IgG4	TRUE		3.138284e+00	
	3305	33	IgG4	TRUE		1.739028e+00	
	3306	33	IgG4	TRUE		1.421329e+00	
	3307	33	IgG4	TRUE		1.000000e-01	
	3308	33	IgG4	TRUE		8.671329e-01	
	3309	33	IgG4	TRUE		1.378378e+00	
	3310	33	IgG4	TRUE		1.396922e+02	
	3311	33	IgG4			1.571035e+02	
	3312	33	IgG4	TRUE		1.831018e+02	
	3313	33	_	TRUE		4.621057e+02	
	3314	33	IgG4	TRUE		2.092616e+03	
	3315	33	IgG4	TRUE		5.332068e+02	
	3316	33	_	TRUE		1.152579e+03	
			IgG4				
	3317	33	IgG4	TRUE		4.227754e+03 2.122727e+00	
	3318	33	IgG4	TRUE			
	3319	42	•	FALSE		4.581380e+02	
	3320	42	•	FALSE		1.117857e+03	
	3321	42	IgG	TRUE		1.289116e+02	
	3322	42	IgG	TRUE		6.892672e+01	
	3323	42	IgG	TRUE		1.674163e+02	
##	3324	42	IgE	TRUE	ACI	1.000000e-01	TU/MF

	3325	42	IgE	TRUE		1.681818e+00	
	3326	42	IgE	TRUE		5.313520e-01	
	3327	42	IgE	TRUE		5.274621e-01	
	3328	42	IgE	TRUE		3.310357e+01	
	3329	42	IgE	TRUE		1.000000e-01	
##	3330	42	IgE	TRUE	PTM	1.445748e+01	IU/ML
##	3331	42	IgE	TRUE	1% PFA PT	1.548246e+01	IU/ML
##	3332	42	IgE	TRUE	PRN	1.484659e+00	IU/ML
##	3333	42	IgE	TRUE	FHA	3.094620e+00	IU/ML
##	3334	42	IgE	TRUE	FIM2/3	6.522727e+00	IU/ML
##	3335	42	IgE	TRUE	TT	3.482708e+00	IU/ML
##	3336	42	IgE	TRUE	DT	6.872206e+01	IU/ML
##	3337	42	IgE	TRUE	AVO	1.010921e+00	IU/ML
##	3338	42	IgG1	TRUE	ACT	2.288819e+03	IU/ML
##	3339	42	IgG1	TRUE	LOS	6.023810e+00	IU/ML
##	3340	42	IgG1	TRUE	FELD1	6.754903e+00	IU/ML
##	3341	42	IgG1	TRUE	BETV1	1.059360e+00	IU/ML
##	3342	42	IgG1	TRUE	LOLP1	8.813767e-01	IU/ML
##	3343	42	IgG1	TRUE	Measles	3.725705e+01	IU/ML
##	3344	42	IgG1	TRUE	PTM	6.267657e+03	IU/ML
##	3345	42	IgG1	TRUE	1% PFA PT	8.043988e+03	IU/ML
##	3346	42	IgG1	TRUE	PRN	2.420459e+04	IU/ML
##	3347	42	IgG1	TRUE	FHA	3.034323e+04	IU/ML
##	3348	42	IgG1	TRUE	FIM2/3	5.875246e+04	IU/ML
##	3349	42	IgG1	TRUE	TT	2.175642e+04	IU/ML
##	3350	42	IgG1	TRUE	DT	1.984978e+04	IU/ML
##	3351	42	IgG1	TRUE	AVO	6.878045e+01	IU/ML
##	3352	42	IgG1	TRUE	PD1	8.323314e+00	IU/ML
##	3353	42	IgG2	TRUE	ACT	1.005922e+02	IU/ML
##	3354	42	IgG2	TRUE	LOS	2.531898e+00	IU/ML
##	3355	42	IgG2	TRUE	FELD1	1.007576e+00	IU/ML
	3356	42	IgG2	TRUE		9.375000e-01	
	3357	42	IgG2	TRUE		4.938017e-01	
##	3358	42	IgG2	TRUE		9.498663e-01	
##	3359	42	IgG2	TRUE		2.375758e+01	
##	3360	42	IgG2	TRUE		3.413153e+01	
	3361	42	IgG2	TRUE		1.324876e+02	
	3362	42	IgG2	TRUE		1.650855e+03	
##	3363	42	IgG2	TRUE		4.659387e+02	
	3364	42	IgG2	TRUE		5.844318e+01	
	3365	42	IgG2	TRUE		7.753159e+02	
	3366	42	IgG2	TRUE		5.132265e+01	
	3367	42	IgG2	TRUE		3.186688e+00	
	3368	42	IgG3	TRUE		3.416512e+02	
	3369	42	IgG3	TRUE		1.264037e+01	
	3370	42	IgG3	TRUE		3.131198e+00	
	3371	42	IgG3	TRUE		2.454545e+00	
	3372	42	IgG3	TRUE		1.786096e+00	
	3373	42	IgG3	TRUE		4.858696e+00	
	3374	42	IgG3	TRUE		3.803219e+01	
	3375	42	IgG3			4.758126e+01	
	3376	42	IgG3	TRUE		6.624349e+02	
	3377	42	IgG3	TRUE		1.550003e+03	
	3378	42	IgG3	TRUE		8.853825e+02	
π <b>π</b>	5510		-640	11001	1 1112/0	J.0000206102	TO/1111

	3379	42	IgG3	TRUE		2.077078e+02	
	3380	42	IgG3	TRUE		3.817401e+02	
	3381	42	IgG3	TRUE	OVA	1.237166e+01	IU/ML
	3382	42	IgG3	TRUE		2.320574e+00	
	3383	42	IgG4	TRUE		9.414853e+00	
##	3384	42	IgG4	TRUE	LOS	9.937304e-01	IU/ML
##	3385	42	IgG4	TRUE	FELD1	1.421329e+00	IU/ML
##	3386	42	IgG4	TRUE	BETV1	1.000000e-01	IU/ML
##	3387	42	IgG4	TRUE	LOLP1	1.430769e+01	IU/ML
##	3388	42	IgG4	TRUE	Measles	1.148649e+00	IU/ML
##	3389	42	IgG4	TRUE	PTM	2.608294e+02	IU/ML
##	3390	42	IgG4	TRUE	1% PFA PT	3.385852e+02	IU/ML
##	3391	42	IgG4	TRUE	PRN	5.947563e+01	IU/ML
##	3392	42	IgG4	TRUE	FHA	2.939350e+03	IU/ML
##	3393	42	IgG4	TRUE	FIM2/3	2.567813e+02	IU/ML
##	3394	42	IgG4	TRUE	TT	4.252188e+02	IU/ML
##	3395	42	IgG4	TRUE	DT	2.710662e+03	IU/ML
##	3396	42	IgG4	TRUE	OVA	2.769003e+03	IU/ML
##	3397	42	IgG4	TRUE	PD1	2.594444e+00	IU/ML
##	3398	51	IgE	FALSE	Total	0.000000e+00	UG/ML
##	3399	51	IgE	FALSE	Total	0.000000e+00	IU/ML
##	3400	51	IgG	TRUE	PT	1.767945e+02	IU/ML
##	3401	51	IgG	TRUE	PRN	5.725061e+01	IU/ML
##	3402	51	IgG	TRUE		1.398493e+02	
##	3403	51	IgE	TRUE		4.546909e+01	
##	3404	51	IgE	TRUE		3.588159e+03	
	3405	51	IgE	TRUE	FELD1	6.662091e+03	IU/ML
##	3406	51	IgE	TRUE		1.000000e-01	
##	3407	51	IgE	TRUE		2.544324e+01	
##	3408	51	IgE	TRUE	Measles	2.389807e-01	IU/ML
##	3409	51	IgE	TRUE	PTM	3.373412e+00	IU/ML
##	3410	51	IgE	TRUE	1% PFA PT	3.284157e+00	IU/ML
##	3411	51	IgE	TRUE		2.474432e+00	
	3412	51	IgE	TRUE		6.705009e+00	•
	3413	51	IgE	TRUE		1.421023e+01	
	3414	51	IgE	TRUE	•	1.492589e+00	•
	3415	51	IgE	TRUE		5.399590e+00	-
	3416	51	IgE	TRUE		3.032763e+00	
	3417	51	IgG1	TRUE		1.038189e+03	
	3418	51	IgG1	TRUE		4.078738e+03	
	3419	51	IgG1	TRUE		1.051477e+04	
	3420	51	IgG1	TRUE		3.052980e+00	
	3421	51	IgG1	TRUE		1.367740e+00	
	3422	51	IgG1	TRUE		5.114734e+01	
	3423	51	IgG1	TRUE		1.005316e+04	
	3424	51	IgG1			1.185495e+04	
	3425	51	IgG1	TRUE		1.316093e+04	
	3426	51	IgG1	TRUE		2.826734e+04	
	3427	51	IgG1	TRUE		1.122036e+05	
	3428	51	IgG1	TRUE		2.557895e+04	
	3429	51	IgG1	TRUE		2.020538e+04	
	3430	51	IgG1	TRUE		2.628607e+02	
	3431	51	IgG1	TRUE		1.085630e+01	
	3432	51	_	TRUE		1.276551e+01	
##	U±02	91	IgG2	INUL	ACI	1.2/0001e+01	TO/ NT

##	3433	51	IgG2	TRUE	LOS	2.329346e+01	IU/ML
##	3434	51	IgG2	TRUE	FELD1	5.717992e+01	IU/ML
##	3435	51	IgG2	TRUE	BETV1	4.687500e-01	IU/ML
##	3436	51	IgG2	TRUE	LOLP1	4.938017e-01	IU/ML
##	3437	51	IgG2	TRUE	Measles	1.899733e+00	IU/ML
##	3438	51	IgG2	TRUE	PTM	1.484848e+00	IU/ML
##	3439	51	IgG2	TRUE	1% PFA PT	2.437967e+00	IU/ML
##	3440	51	IgG2	TRUE	PRN	1.661865e+01	IU/ML
##	3441	51	IgG2	TRUE	FHA	4.840681e+01	IU/ML
##	3442	51	IgG2	TRUE	FIM2/3	4.353158e+02	IU/ML
##	3443	51	IgG2	TRUE	TT	7.604383e+01	IU/ML
##	3444	51	IgG2	TRUE	DT	7.632497e+02	IU/ML
##	3445	51	IgG2	TRUE	OVA	7.037809e+01	IU/ML
##	3446	51	IgG2	TRUE	PD1	2.206169e+00	IU/ML
##	3447	51	IgG3	TRUE	ACT	3.252946e+01	IU/ML
##	3448	51	IgG3	TRUE	LOS	3.139706e+01	IU/ML
##	3449	51	IgG3	TRUE	FELD1	6.754442e+01	IU/ML
##	3450	51	IgG3	TRUE	BETV1	1.000000e-01	IU/ML
##	3451	51	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	3452	51	IgG3	TRUE	Measles	4.416996e-01	IU/ML
##	3453	51	IgG3	TRUE	PTM	3.202710e+00	IU/ML
##	3454	51	IgG3	TRUE	1% PFA PT	4.859363e+00	IU/ML
##	3455	51	IgG3	TRUE	PRN	2.758592e+01	IU/ML
##	3456	51	IgG3	TRUE	FHA	2.108020e+02	IU/ML
##	3457	51	IgG3	TRUE	FIM2/3	8.175845e+02	IU/ML
##	3458	51	IgG3	TRUE	TT	4.933766e+01	IU/ML
##	3459	51	IgG3	TRUE	DT	1.283910e+02	IU/ML
##	3460	51	IgG3	TRUE	OVA	3.468483e+01	IU/ML
##	3461	51	IgG3	TRUE	PD1	1.392344e+00	IU/ML
##	3462	51	IgG4	TRUE	ACT	4.184379e+00	IU/ML
##	3463	51	IgG4	TRUE	LOS	1.395197e+03	IU/ML
##	3464	51	IgG4	TRUE	FELD1	2.280522e+03	IU/ML
##	3465	51	IgG4	TRUE	BETV1	1.000000e-01	IU/ML
##	3466	51	IgG4	TRUE	LOLP1	8.671329e-01	IU/ML
##	3467	51	IgG4	TRUE	Measles	4.594595e-01	IU/ML
##	3468	51	IgG4	TRUE	PTM	3.710988e+00	IU/ML
##	3469	51	IgG4	TRUE	1% PFA PT	4.333891e+00	IU/ML
##	3470	51	IgG4	TRUE	PRN	1.379367e+03	IU/ML
##	3471	51	IgG4	TRUE	FHA	4.570707e+02	IU/ML
##	3472	51	IgG4	TRUE	FIM2/3	1.248863e+03	IU/ML
##	3473	51	IgG4	TRUE	TT	2.015775e+03	IU/ML
##	3474	51	IgG4	TRUE	DT	6.102970e+03	IU/ML
##	3475	51	IgG4	TRUE	OVA	1.362443e+04	IU/ML
##	3476	51	IgG4	TRUE	PD1	2.122727e+00	IU/ML
##	3477	60	IgE	FALSE	Total	4.967888e+02	UG/ML
##	3478	60	IgE	FALSE	Total	1.212165e+03	IU/ML
##	3479	60	IgG	TRUE	PT	2.882964e+01	IU/ML
##	3480	60	IgG	TRUE	PRN	1.194874e+02	IU/ML
##	3481	60	IgG	TRUE	FHA	1.319043e+02	IU/ML
##	3482	60	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	3483	60	IgE	TRUE	LOS	1.121212e+00	IU/ML
##	3484	60	IgE	TRUE	FELD1	1.000000e-01	IU/ML
##	3485	60	IgE	TRUE	BETV1	5.274621e-01	IU/ML
##	3486	60	IgE	TRUE	LOLP1	1.367916e+00	IU/ML

	3487	60	IgE	TRUE		2.389807e-01	
	3488	60	IgE	TRUE		1.000000e-01	
	3489	60	IgE -			1.000000e-01	
	3490	60	IgE	TRUE		9.897727e-01	
	3491	60	IgE	TRUE		2.578850e-01	
	3492	60	IgE	TRUE		3.727273e+00	
	3493	60	IgE	TRUE		9.950593e-01	
	3494	60	IgE	TRUE		9.817437e-01	
	3495	60	IgE	TRUE		1.010921e+00	
##	3496	60	IgG1	TRUE	ACT	1.084160e+02	IU/ML
##	3497	60	IgG1	TRUE	LOS	2.196970e+00	IU/ML
##	3498	60	IgG1	TRUE	FELD1	3.069914e+00	IU/ML
##	3499	60	IgG1	TRUE	BETV1	1.059360e+00	IU/ML
##	3500	60	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	3501	60	IgG1	TRUE	Measles	3.626489e+01	IU/ML
##	3502	60	IgG1	TRUE	PTM	1.450657e+03	IU/ML
##	3503	60	IgG1	TRUE	1% PFA PT	2.084366e+03	IU/ML
##	3504	60	IgG1	TRUE	PRN	2.474587e+04	IU/ML
##	3505	60	IgG1	TRUE	FHA	2.230107e+04	IU/ML
##	3506	60	IgG1	TRUE	FIM2/3	8.836099e+04	IU/ML
##	3507	60	IgG1	TRUE	TT	2.026654e+04	IU/ML
##	3508	60	IgG1	TRUE	DT	7.038333e+03	IU/ML
##	3509	60	IgG1	TRUE	AVO	1.839019e+00	IU/ML
##	3510	60	IgG1	TRUE	PD1	3.763930e+00	IU/ML
##	3511	60	IgG2	TRUE	ACT	1.526754e+02	IU/ML
##	3512	60	IgG2	TRUE	LOS	1.772329e+01	IU/ML
##	3513	60	IgG2	TRUE	FELD1	2.518939e-01	IU/ML
##	3514	60	IgG2	TRUE	BETV1	9.375000e-01	IU/ML
##	3515	60	IgG2	TRUE	LOLP1	9.876033e-01	IU/ML
##	3516	60	IgG2	TRUE	Measles	2.374666e+00	IU/ML
##	3517	60	IgG2	TRUE	PTM	2.474747e+00	IU/ML
##	3518	60	IgG2	TRUE	1% PFA PT	6.826307e+00	IU/ML
##	3519	60	IgG2	TRUE		1.403353e+02	
	3520	60	IgG2	TRUE		5.959518e+02	
	3521	60	IgG2	TRUE		3.218699e+03	
	3522	60	IgG2	TRUE		1.597597e+02	
	3523	60	IgG2	TRUE		1.666563e+03	
	3524	60	IgG2	TRUE		1.000000e-01	•
	3525	60	IgG2	TRUE		3.676948e+00	
	3526	60	IgG3	TRUE		1.955443e+02	
	3527	60	IgG3	TRUE		1.631016e+00	
	3528	60	IgG3	TRUE		8.946281e-01	
	3529	60	IgG3	TRUE		1.000000e-01	
	3530	60	IgG3	TRUE		1.000000e-01	
	3531	60	IgG3	TRUE		6.625494e-01	
	3532	60	IgG3	TRUE		1.000000e-01	
	3533	60	IgG3			1.000000e-01	
	3534	60	IgG3	TRUE		6.710089e+00	
	3535	60	IgG3	TRUE		5.680641e+01	
	3536	60	IgG3	TRUE		2.733787e+01	
		60	_			4.896104e+00	
	3537 3538		IgG3	TRUE			
	3538	60	IgG3	TRUE		1.029874e+01	
	3539	60	IgG3	TRUE		1.000000e-01	
##	3540	60	IgG3	TRUE	PD1	4.641148e-01	TO/MF

##	3541	60	IgG4	TRUE	ACT	8.891805e+00	IU/ML
##	3542	60	IgG4	TRUE	LOS	2.981191e+00	IU/ML
##	3543	60	IgG4	TRUE	FELD1	3.316434e+00	IU/ML
##	3544	60	IgG4	TRUE	BETV1	1.807487e+00	IU/ML
##	3545	60	IgG4	TRUE	LOLP1	2.384615e+00	IU/ML
##	3546	60	IgG4	TRUE	Measles	1.837838e+00	IU/ML
##	3547	60	IgG4	TRUE	PTM	2.756734e+01	IU/ML
##	3548	60	IgG4	TRUE	1% PFA PT	3.385852e+01	IU/ML
##	3549	60	IgG4	TRUE	PRN	3.508802e+03	IU/ML
	3550	60	IgG4	TRUE	FHA	7.457469e+02	IU/ML
	3551	60	IgG4	TRUE	FIM2/3	6.933095e+02	IU/ML
##	3552	60	IgG4	TRUE	TT	6.004338e+03	IU/ML
##	3553	60	IgG4	TRUE	DT	1.708991e+04	IU/ML
##	3554	60	IgG4	TRUE	OVA	5.277688e+02	IU/ML
##	3555	60	IgG4	TRUE	PD1	3.066162e+00	IU/ML
##	3556	75	IgE	FALSE	Total	1.427024e+03	UG/ML
##	3557	75	IgE	FALSE	Total	3.481937e+03	IU/ML
##	3558	75	IgG	TRUE	PT	1.646815e+01	IU/ML
##	3559	75	IgG	TRUE	PRN	5.128717e+02	IU/ML
##	3560	75	IgG	TRUE	FHA	3.523074e+02	IU/ML
##	3561	75	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	3562	75	IgE	TRUE	LOS	1.121212e+00	IU/ML
##	3563	75	IgE	TRUE	FELD1	5.313520e-01	IU/ML
##	3564	75	IgE	TRUE	BETV1	5.274621e-01	IU/ML
##	3565	75	IgE	TRUE	LOLP1	1.915082e+00	IU/ML
##	3566	75	IgE	TRUE	Measles	2.389807e-01	IU/ML
##	3567	75	IgE	TRUE	PTM	8.674487e+00	IU/ML
##	3568	75	IgE	TRUE	1% PFA PT	8.914141e+00	IU/ML
##	3569	75	IgE	TRUE	PRN	4.948864e-01	IU/ML
##	3570	75	IgE	TRUE	FHA	4.126160e+00	IU/ML
##	3571	75	IgE	TRUE	FIM2/3	3.261364e+00	IU/ML
##							TII/MI
	3572	75	_	TRUE	TT	6.965415e+00	TO/LIP
##	3572 3573		IgE	TRUE TRUE		6.965415e+00 3.632452e+01	
		75	IgE IgE		DT		IU/ML
##	3573	75 75	IgE IgE IgE	TRUE	DT OVA	3.632452e+01 5.054604e-01	IU/ML IU/ML
##	3573 3574	75 75 75	IgE IgE IgE IgG1	TRUE TRUE	DT OVA ACT	3.632452e+01	IU/ML IU/ML IU/ML
## ## ##	3573 3574 3575 3576	75 75 75 75 75	IgE IgE IgE IgG1 IgG1	TRUE TRUE TRUE TRUE	DT OVA ACT LOS	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01	IU/ML IU/ML IU/ML IU/ML
## ## ## ##	3573 3574 3575	75 75 75 75	IgE IgE IgE IgG1 IgG1	TRUE TRUE TRUE	DT OVA ACT LOS FELD1	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01	IU/ML IU/ML IU/ML IU/ML IU/ML
## ## ## ##	3573 3574 3575 3576 3577	75 75 75 75 75 75	IgE IgE IgE IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01	IU/ML IU/ML IU/ML IU/ML IU/ML IU/ML
## ## ## ## ##	3573 3574 3575 3576 3577 3578	75 75 75 75 75 75 75	IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01	IU/ML IU/ML IU/ML IU/ML IU/ML IU/ML IU/ML
## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579	75 75 75 75 75 75 75 75	IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00	IU/ML IU/ML IU/ML IU/ML IU/ML IU/ML IU/ML IU/ML IU/ML
## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581	75 75 75 75 75 75 75 75 75 75 75	IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00 2.442941e+01	IU/ML
## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581 3582	75 75 75 75 75 75 75 75 75 75 75	IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM 1% PFA PT	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00	IU/ML
## ## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581	75 75 75 75 75 75 75 75 75 75 75	IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM 1% PFA PT PRN	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00 2.442941e+01 6.091835e+01	IU/ML
## ## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581 3582 3583	75 75 75 75 75 75 75 75 75 75 75 75 75	IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM 1% PFA PT PRN FHA	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00 2.442941e+01 6.091835e+01 9.520029e+03 1.459681e+04	IU/ML
## ## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581 3582 3583 3584 3585	75 75 75 75 75 75 75 75 75 75 75 75 75 7	IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM 1% PFA PT PRN FHA FIM2/3	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00 2.442941e+01 6.091835e+01 9.520029e+03 1.459681e+04 5.290560e+04	IU/ML
## ## ## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581 3582 3583 3583	75 75 75 75 75 75 75 75 75 75 75 75 75	IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM 1% PFA PT PRN FHA FIM2/3 TT	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00 2.442941e+01 6.091835e+01 9.520029e+03 1.459681e+04	IU/ML
## ## ## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581 3582 3583 3584 3585 3586 3587	75 75 75 75 75 75 75 75 75 75 75 75 75 7	IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM 1% PFA PT PRN FHA FIM2/3 TT DT	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00 2.442941e+01 6.091835e+01 9.520029e+03 1.459681e+04 5.290560e+04 1.417552e+04 6.340565e+03	IU/ML
## ## ## ## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581 3582 3583 3584 3585 3584 3585 3586 3587 3588	75 75 75 75 75 75 75 75 75 75 75 75 75 7	IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM 1% PFA PT PRN FHA FIM2/3 TT DT OVA	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00 2.442941e+01 6.091835e+01 9.520029e+03 1.459681e+04 5.290560e+04 1.417552e+04 6.340565e+03 3.837271e+00	IU/ML
## ## ## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581 3582 3583 3584 3585 3584 3585 3586 3587 3588	75 75 75 75 75 75 75 75 75 75 75 75 75 7	IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM 1% PFA PT PRN FHA FIM2/3 TT DT OVA PD1	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00 2.442941e+01 6.091835e+01 9.520029e+03 1.459681e+04 5.290560e+04 1.417552e+04 6.340565e+03 3.837271e+00 1.737537e+00	IU/ML
## ## ## ## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581 3582 3583 3584 3585 3586 3586 3587 3588 3589 3590	75 75 75 75 75 75 75 75 75 75 75 75 75 7	IgE IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM 1% PFA PT PRN FHA FIM2/3 TT DT OVA PD1 ACT	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00 2.442941e+01 6.091835e+01 9.520029e+03 1.459681e+04 5.290560e+04 1.417552e+04 6.340565e+03 3.837271e+00 1.737537e+00 1.041665e+02	IU/ML
## ## ## ## ## ## ## ## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581 3582 3583 3584 3585 3586 3586 3587 3588 3588 3589 3590 3591	75 75 75 75 75 75 75 75 75 75 75 75 75 7	IgE IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM 1% PFA PT PRN FHA FIM2/3 TT DT OVA PD1 ACT LOS	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00 2.442941e+01 6.091835e+01 9.520029e+03 1.459681e+04 5.290560e+04 1.417552e+04 6.340565e+03 3.837271e+00 1.737537e+00 1.041665e+02 4.304226e+00	IU/ML
## ## ## ## ## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581 3582 3583 3584 3585 3586 3586 3587 3588 3588 3589 3590 3591 3592	75 75 75 75 75 75 75 75 75 75 75 75 75 7	IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM 1% PFA PT PRN FHA FIM2/3 TT DT OVA PD1 ACT LOS FELD1	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00 2.442941e+01 6.091835e+01 9.520029e+03 1.459681e+04 5.290560e+04 1.417552e+04 6.340565e+03 3.837271e+00 1.737537e+00 1.041665e+02 4.304226e+00 1.0000000e-01	IU/ML
## ## ## ## ## ## ## ## ## ## ##	3573 3574 3575 3576 3577 3578 3579 3580 3581 3582 3583 3584 3585 3586 3586 3587 3588 3588 3589 3590 3591	75 75 75 75 75 75 75 75 75 75 75 75 75 7	IgE IgE IgE IgE IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 IgG1	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE	DT OVA ACT LOS FELD1 BETV1 LOLP1 Measles PTM 1% PFA PT PRN FHA FIM2/3 TT DT OVA PD1 ACT LOS FELD1 BETV1	3.632452e+01 5.054604e-01 2.538713e+02 2.835498e-01 4.377783e-01 1.000000e-01 2.340468e+00 9.228448e+00 2.442941e+01 6.091835e+01 9.520029e+03 1.459681e+04 5.290560e+04 1.417552e+04 6.340565e+03 3.837271e+00 1.737537e+00 1.041665e+02 4.304226e+00	IU/ML

##	3595	75	IgG2	TRUE	Measles	1.899733e+00	IU/ML
##	3596	75	IgG2	TRUE		2.227273e+00	
##	3597	75	IgG2	TRUE		5.851120e+00	
##	3598	75	IgG2	TRUE	PRN	3.390667e+02	IU/ML
##	3599	75	IgG2	TRUE	FHA	1.451748e+03	IU/ML
##	3600	75	IgG2	TRUE	FIM2/3	2.478567e+03	IU/ML
##	3601	75	IgG2	TRUE		2.179773e+02	
##	3602	75	IgG2	TRUE	DT	2.438803e+03	IU/ML
##	3603	75	IgG2	TRUE	AVO	2.693169e+01	IU/ML
##	3604	75	IgG2	TRUE	PD1	6.618506e+00	IU/ML
##	3605	75	IgG3	TRUE	ACT	1.102694e+01	IU/ML
##	3606	75	IgG3	TRUE	LOS	2.854278e+00	IU/ML
##	3607	75	IgG3	TRUE	FELD1	1.341942e+00	IU/ML
##	3608	75	IgG3	TRUE	BETV1	4.909091e-01	IU/ML
##	3609	75	IgG3	TRUE	LOLP1	1.071658e+02	IU/ML
##	3610	75	IgG3	TRUE	Measles	8.833992e-01	IU/ML
##	3611	75	IgG3	TRUE	PTM	4.003388e-01	IU/ML
##	3612	75	IgG3	TRUE	1% PFA PT	2.024735e+00	IU/ML
##	3613	75	IgG3	TRUE	PRN	1.010241e+03	IU/ML
##	3614	75	IgG3	TRUE	FHA	9.351803e+01	IU/ML
##	3615	75	IgG3	TRUE	FIM2/3	1.211177e+04	IU/ML
##	3616	75	IgG3	TRUE	TT	4.011039e+01	IU/ML
##	3617	75	IgG3	TRUE	DT	1.658098e+02	IU/ML
##	3618	75	IgG3	TRUE	OVA	6.627674e+00	IU/ML
##	3619	75	IgG3	TRUE	PD1	4.641148e-01	IU/ML
##	3620	75	IgG4	TRUE	ACT	3.765941e+01	IU/ML
##	3621	75	IgG4	TRUE	LOS	5.465517e+00	IU/ML
##	3622	75	IgG4	TRUE	FELD1	4.263986e+00	IU/ML
##	3623	75	IgG4	TRUE	BETV1	2.259358e+00	IU/ML
##	3624	75	IgG4	TRUE	LOLP1	2.384615e+00	IU/ML
##	3625	75	IgG4	TRUE	Measles	4.135135e+00	IU/ML
##	3626	75	IgG4	TRUE	PTM	2.939632e+02	IU/ML
##	3627	75	IgG4	TRUE	1% PFA PT	4.285135e+02	IU/ML
##	3628	75	IgG4	TRUE	PRN	7.715469e+03	IU/ML
##	3629	75	IgG4	TRUE		7.549778e+03	
##	3630	75	IgG4	TRUE	FIM2/3	1.238592e+03	IU/ML
##	3631	75	IgG4	TRUE	TT	9.387961e+03	IU/ML
##	3632	75	IgG4	TRUE		2.292470e+04	
##	3633	75	IgG4	TRUE		7.259368e+03	
##	3634	75	IgG4	TRUE	PD1	2.830303e+00	IU/ML
##	3635	82	IgE	FALSE	Total	3.137723e+02	UG/ML
##	3636	82	IgE	FALSE		7.656043e+02	
	3637	82	IgG	TRUE		5.135951e+00	
	3638	82	IgG	TRUE		1.421686e+03	
	3639	82	IgG	TRUE		3.626739e+02	
	3640	82	IgE	TRUE		1.000000e-01	
	3641	82	IgE	TRUE		1.681818e+00	
	3642	82	IgE	TRUE		5.313520e-01	
	3643	82	IgE	TRUE		5.274621e-01	
	3644	82	IgE	TRUE		8.207496e-01	
	3645	82	IgE	TRUE		1.000000e-01	
	3646	82	IgE	TRUE		1.000000e-01	
	3647	82	IgE			1.000000e-01	
	3648	82	IgE	TRUE		4.948864e-01	
11 11	-510	J_	-6-	110011	1 1010	1.0100010 01	/.111

	3649	82	IgE 	TRUE		5.157699e-01	
	3650	82	IgE	TRUE		4.193182e+00	
	3651	82	IgE	TRUE		1.00000e-01	
	3652	82	IgE	TRUE		9.817437e-01	
	3653	82	IgE	TRUE		1.000000e-01	
	3654	82	IgG1	TRUE		6.753642e+01	
	3655	82	IgG1	TRUE		7.619048e-01	
	3656	82	IgG1	TRUE		9.642053e-01	
	3657	82	IgG1	TRUE		1.000000e-01	
	3658	82	IgG1	TRUE		1.000000e-01	
	3659	82	IgG1	TRUE		5.011755e+00	
	3660	82	IgG1	TRUE		2.339692e+00	
	3661	82	IgG1			1.918259e+01	
	3662	82	IgG1	TRUE		2.305378e+04	
##	3663	82	IgG1	TRUE	FHA	1.940131e+04	IU/ML
	3664	82	IgG1	TRUE		5.877517e+04	
##	3665	82	IgG1	TRUE	TT	2.323455e+04	IU/ML
##	3666	82	IgG1	TRUE	DT	2.048751e+04	IU/ML
##	3667	82	IgG1	TRUE	AVO	3.337708e+00	IU/ML
##	3668	82	IgG1	TRUE	PD1	1.737537e+00	IU/ML
##	3669	82	IgG2	TRUE	ACT	4.314741e+01	IU/ML
##	3670	82	IgG2	TRUE	LOS	2.025518e+00	IU/ML
##	3671	82	IgG2	TRUE	FELD1	5.037879e-01	IU/ML
##	3672	82	IgG2	TRUE	BETV1	1.406250e+00	IU/ML
##	3673	82	IgG2	TRUE	LOLP1	1.000000e-01	IU/ML
##	3674	82	IgG2	TRUE	Measles	1.424799e+00	IU/ML
##	3675	82	IgG2	TRUE	PTM	1.484848e+00	IU/ML
##	3676	82	IgG2	TRUE	1% PFA PT	1.706577e+00	IU/ML
##	3677	82	IgG2	TRUE	PRN	2.982125e+02	IU/ML
##	3678	82	IgG2	TRUE	FHA	5.571350e+01	IU/ML
##	3679	82	IgG2	TRUE	FIM2/3	1.912280e+03	IU/ML
##	3680	82	IgG2	TRUE	TT	1.353896e+01	IU/ML
##	3681	82	IgG2	TRUE	DT	1.649528e+03	IU/ML
##	3682	82	IgG2	TRUE	AVO	7.114030e+00	IU/ML
##	3683	82	IgG2	TRUE	PD1	8.089286e+00	IU/ML
##	3684	82	IgG3	TRUE	ACT	2.646465e+01	IU/ML
##	3685	82	IgG3	TRUE	LOS	4.485294e+00	IU/ML
##	3686	82	IgG3	TRUE	FELD1	2.236570e+00	IU/ML
##	3687	82	IgG3	TRUE	BETV1	4.909091e-01	IU/ML
##	3688	82	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	3689	82	IgG3	TRUE	Measles	3.533597e+00	IU/ML
##	3690	82	IgG3	TRUE	PTM	4.003388e-01	IU/ML
##	3691	82	IgG3	TRUE	1% PFA PT	1.214841e+00	IU/ML
##	3692	82	IgG3	TRUE	PRN	1.873233e+02	IU/ML
##	3693	82	IgG3	TRUE	FHA	1.483923e+02	IU/ML
##	3694	82	IgG3	TRUE	FIM2/3	7.618153e+01	IU/ML
##	3695	82	IgG3	TRUE	TT	1.638312e+01	IU/ML
##	3696	82	IgG3	TRUE	DT	6.841799e+02	IU/ML
##	3697	82	IgG3	TRUE	OVA	1.767380e+00	IU/ML
	3698	82	IgG3	TRUE		1.392344e+00	
	3699	82	IgG4	TRUE		3.661332e+00	
	3700	82	IgG4	TRUE		4.720219e+00	
##	3701	82	IgG4	TRUE		2.605769e+00	
	3702	82	IgG4	TRUE	BETV1	1.355615e+00	IU/ML
			=				

	0700	00	T 04	EDUT 101 D4 4 70 40 60 .00	TTT /24T
	3703	82	IgG4	TRUE LOLP1 1.734266e+00	
	3704	82	IgG4	TRUE Measles 3.675676e+00	
	3705	82	IgG4	TRUE PTM 1.590423e+00	
	3706	82	IgG4	TRUE 1% PFA PT 1.625209e+00	
	3707	82	IgG4	TRUE PRN 3.636065e+01	
	3708	82	IgG4	TRUE FHA 2.797250e+01	
	3709	82	IgG4	TRUE FIM2/3 1.643400e+02	
	3710	82	IgG4	TRUE TT 1.126493e+02	
	3711	82	IgG4	TRUE DT 3.455497e+03	
##	3712	82	IgG4	TRUE OVA 3.167886e+03	IU/ML
##	3713	82	IgG4	TRUE PD1 2.122727e+00	
##	3714	8	IgE	FALSE Total 7.029421e+02	UG/ML
##	3715	8	IgE	FALSE Total 1.715179e+03	IU/ML
##	3716	8	IgG	TRUE PT 1.985562e+02	IU/ML
##	3717	8	${\tt IgG}$	TRUE PRN 6.341397e+01	IU/ML
##	3718	8	IgG	TRUE FHA 1.501379e+02	IU/ML
##	3719	8	IgE	TRUE ACT 1.000000e-01	IU/ML
##	3720	8	IgE	TRUE LOS 2.214394e+01	IU/ML
##	3721	8	IgE	TRUE FELD1 4.410222e+01	IU/ML
##	3722	8	IgE	TRUE BETV1 5.274621e+00	IU/ML
##	3723	8	IgE	TRUE LOLP1 4.103748e+00	
	3724	8	IgE	TRUE Measles 1.000000e-01	IU/ML
##	3725	8	IgE	TRUE PTM 1.000000e-01	IU/ML
##	3726	8	IgE	TRUE 1% PFA PT 9.383307e-01	
	3727	8	IgE	TRUE PRN 1.484659e+00	
	3728	8	IgE	TRUE FHA 1.805195e+00	
	3729	8	IgE	TRUE FIM2/3 3.261364e+00	
	3730	8	IgE	TRUE TT 1.000000e-01	
	3731	8	IgE	TRUE DT 1.472615e+00	
	3732	8	IgE	TRUE OVA 1.516381e+00	
	3733	8	IgG1	TRUE ACT 1.481072e+02	•
	3734	8	IgG1	TRUE LOS 4.588745e+00	•
	3735	8	IgG1	TRUE FELD1 7.281330e+00	
	3736	8	IgG1	TRUE BETV1 2.554575e+00	
	3737	8	IgG1	TRUE LOLP1 1.367740e+00	
	3738	8	IgG1	TRUE Measles 2.535110e+01	
	3739	8	IgG1	TRUE PTM 9.598403e+03	
			IgG1		
	3740 3741	8 8	_	TRUE 1% PFA PT 1.131607e+04 TRUE PRN 1.895389e+04	
			IgG1		
	3742	8	IgG1	TRUE FHA 2.868713e+04	
	3743	8	IgG1	TRUE FIM2/3 9.611468e+04	
	3744	8	IgG1	TRUE TT 2.114455e+04	
	3745	8	IgG1	TRUE DT 1.712754e+04	
	3746	8	IgG1	TRUE	
	3747	8	IgG1	TRUE PD1 8.323314e+00	
	3748	8	IgG2	TRUE ACT 2.502039e+01	
	3749	8	IgG2	TRUE LOS 1.544458e+01	
	3750	8	IgG2	TRUE FELD1 1.000000e-01	
	3751	8	IgG2	TRUE BETV1 9.375000e-01	
	3752	8	IgG2	TRUE LOLP1 1.975207e+00	
	3753	8	IgG2	TRUE Measles 9.498663e-01	
	3754	8	IgG2	TRUE PTM 1.484848e+00	
##	3755	8	IgG2	TRUE 1% PFA PT 5.363527e+00	IU/ML
##	3756	8	IgG2	TRUE PRN 1.555691e+02	IU/ML

	3757	8	IgG2	TRUE		2.466007e+02	
	3758	8	IgG2	TRUE		9.455398e+02	
	3759	8	IgG2	TRUE		1.263636e+01	
	3760	8	IgG2	TRUE		5.328079e+02	
	3761	8	IgG2	TRUE		9.603941e+01	
	3762	8	IgG2	TRUE		5.147727e+00	•
##	3763	8	IgG3	TRUE		4.043210e+00	
	3764	8	IgG3	TRUE	LOS	4.077540e+00	IU/ML
##	3765	8	IgG3	TRUE	FELD1	1.341942e+00	IU/ML
	3766	8	IgG3	TRUE		9.818182e-01	
##	3767	8	IgG3	TRUE		1.000000e-01	
##	3768	8	IgG3	TRUE		8.833992e-01	
##	3769	8	IgG3	TRUE	PTM	8.006776e-01	IU/ML
##	3770	8	IgG3	TRUE	1% PFA PT	2.024735e+00	IU/ML
##	3771	8	IgG3	TRUE	PRN	6.486419e+01	IU/ML
##	3772	8	IgG3	TRUE	FHA	6.496025e+02	IU/ML
##	3773	8	IgG3	TRUE	FIM2/3	1.897248e+02	IU/ML
##	3774	8	IgG3	TRUE	TT	8.474026e+01	IU/ML
##	3775	8	IgG3	TRUE	DT	1.098533e+01	IU/ML
##	3776	8	IgG3	TRUE	OVA	4.418449e-01	IU/ML
##	3777	8	IgG3	TRUE	PD1	1.000000e-01	IU/ML
##	3778	8	IgG4	TRUE	ACT	4.968950e+00	IU/ML
##	3779	8	IgG4	TRUE	LOS	1.987461e+01	IU/ML
##	3780	8	IgG4	TRUE	FELD1	3.837587e+01	IU/ML
##	3781	8	IgG4	TRUE	BETV1	2.259358e+00	IU/ML
##	3782	8	IgG4	TRUE	LOLP1	1.734266e+00	IU/ML
##	3783	8	IgG4	TRUE	Measles	1.000000e-01	IU/ML
##	3784	8	IgG4	TRUE	PTM	7.421975e+00	IU/ML
##	3785	8	IgG4	TRUE	1% PFA PT	7.042573e+00	IU/ML
##	3786	8	IgG4	TRUE	PRN	1.183020e+03	IU/ML
##	3787	8	IgG4	TRUE	FHA	3.488171e+02	IU/ML
##	3788	8	IgG4	TRUE	FIM2/3	8.652019e+02	IU/ML
##	3789	8	IgG4	TRUE	TT	1.045696e+03	IU/ML
##	3790	8	IgG4	TRUE	DT	3.081338e+03	IU/ML
##	3791	8	IgG4	TRUE	AVO	4.361989e+03	IU/ML
##	3792	8	IgG4	TRUE	PD1	2.358586e-01	IU/ML
##	3793	25	IgE	FALSE	Total	2.803724e+02	UG/ML
##	3794	25	IgE	FALSE	Total	6.841087e+02	IU/ML
##	3795	25	IgG	TRUE	PT	1.552430e+02	IU/ML
##	3796	25	IgG	TRUE	PRN	7.357884e+01	IU/ML
##	3797	25	IgG	TRUE	FHA	1.297135e+02	IU/ML
##	3798	25	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	3799	25	IgE	TRUE	LOS	2.803030e+00	IU/ML
##	3800	25	IgE	TRUE	FELD1	4.250816e+00	IU/ML
##	3801	25	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	3802	25	IgE	TRUE	LOLP1	8.207496e-01	IU/ML
##	3803	25	IgE	TRUE	Measles	7.169421e-01	IU/ML
	3804	25	IgE	TRUE	PTM	4.819159e-01	IU/ML
	3805	25	IgE			9.383307e-01	
	3806	25	IgE	TRUE		4.948864e-01	
	3807	25	IgE	TRUE		5.157699e-01	
	3808	25	IgE	TRUE		4.659091e-01	
	3809	25	IgE	TRUE		4.975296e-01	
	3810	25	IgE	TRUE		1.472615e+00	
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	3811	25	IgE	TRUE	OVA	1.000000e-01	IU/ML
##	3812	25	IgG1	TRUE	ACT	3.561578e+01	IU/ML
##	3813	25	IgG1	TRUE	LOS	6.582727e+01	IU/ML
##	3814	25	IgG1	TRUE	FELD1	2.290801e+02	IU/ML
##	3815	25	IgG1	TRUE	BETV1	3.955628e-01	IU/ML
##	3816	25	IgG1	TRUE	LOLP1	2.590909e+00	IU/ML
	3817	25	IgG1	TRUE	Measles	2.104211e+01	IU/ML
##	3818	25	IgG1	TRUE	PTM	2.900169e+03	IU/ML
##	3819	25	IgG1	TRUE	1% PFA PT	3.713333e+03	IU/ML
##	3820	25	IgG1	TRUE	PRN	1.927053e+04	IU/ML
##	3821	25	IgG1	TRUE	FHA	1.458128e+04	IU/ML
##	3822	25	IgG1	TRUE	FIM2/3	3.392605e+04	IU/ML
##	3823	25	IgG1	TRUE	TT	1.806882e+04	IU/ML
##	3824	25	IgG1	TRUE	DT	1.188035e+04	IU/ML
##	3825	25	IgG1	TRUE	OVA	2.570159e+02	IU/ML
##	3826	25	IgG1	TRUE	PD1	8.790107e+00	IU/ML
##	3827	25	IgG2	TRUE	ACT	4.850892e+00	IU/ML
##	3828	25	IgG2	TRUE	LOS	2.531898e+00	IU/ML
##	3829	25	IgG2	TRUE	FELD1	1.007576e+00	IU/ML
##	3830	25	IgG2	TRUE	BETV1	9.375000e-01	IU/ML
##	3831	25	IgG2	TRUE	LOLP1	9.876033e-01	IU/ML
##	3832	25	IgG2	TRUE	Measles	3.799465e+00	IU/ML
##	3833	25	IgG2	TRUE	PTM	1.979798e+00	IU/ML
##	3834	25	IgG2	TRUE	1% PFA PT	3.900747e+00	IU/ML
##	3835	25	IgG2	TRUE	PRN	1.107910e+01	IU/ML
##	3836	25	IgG2	TRUE	FHA	1.461338e+01	IU/ML
##	3837	25	IgG2	TRUE	FIM2/3	5.700564e+01	IU/ML
##	3838	25	IgG2	TRUE	TT	4.964286e+00	IU/ML
##	3839	25	IgG2	TRUE	DT	1.273108e+03	IU/ML
##	3840	25	IgG2	TRUE	OVA	3.048870e+00	IU/ML
##	3841	25	IgG2	TRUE	PD1	6.128247e+00	IU/ML
##	3842	25	IgG3	TRUE	ACT	3.425701e+02	IU/ML
##	3843	25	IgG3	TRUE	LOS	1.712567e+01	IU/ML
##	3844	25	IgG3	TRUE	FELD1	2.236570e+00	IU/ML
##	3845	25	IgG3	TRUE	BETV1	1.963636e+00	IU/ML
##	3846	25	IgG3	TRUE	LOLP1	2.679144e+00	IU/ML
##	3847	25	IgG3	TRUE	Measles	5.521245e+00	IU/ML
##	3848	25	IgG3	TRUE	PTM	1.681423e+01	IU/ML
##	3849	25	IgG3	TRUE	1% PFA PT	2.186713e+01	IU/ML
##	3850	25	IgG3	TRUE	PRN	3.783744e+02	IU/ML
##	3851	25	IgG3	TRUE	FHA	1.243172e+03	IU/ML
##	3852	25	IgG3	TRUE	FIM2/3	4.087923e+02	IU/ML
##	3853	25	IgG3	TRUE	TT	4.877273e+01	IU/ML
##	3854	25	IgG3	TRUE	DT	4.225918e+02	IU/ML
##	3855	25	IgG3	TRUE	OVA	1.281350e+01	IU/ML
##	3856	25	IgG3	TRUE	PD1	2.320574e+00	IU/ML
##	3857	25	IgG4	TRUE	ACT	5.230474e-01	IU/ML
##	3858	25	IgG4	TRUE	LOS	3.478056e+00	IU/ML
##	3859	25	IgG4	TRUE	FELD1	5.685315e+00	IU/ML
##	3860	25	IgG4	TRUE	BETV1	4.518717e-01	IU/ML
##	3861	25	IgG4	TRUE	LOLP1	4.335664e-01	IU/ML
##	3862	25	IgG4	TRUE	Measles	1.608108e+00	IU/ML
##	3863	25	IgG4	TRUE	PTM	2.650705e+00	IU/ML
##	3864	25	IgG4	TRUE	1% PFA PT	1.000000e-01	IU/ML

	3865	25	IgG4	TRUE	PRN	4.882715e+01	IU/ML
##	3866	25	IgG4	TRUE		2.685360e+01	
##	3867	25	IgG4	TRUE	FIM2/3	5.044997e+01	IU/ML
	3868	25	IgG4	TRUE	TT	1.294820e+01	IU/ML
	3869	25	IgG4	TRUE		1.094614e+01	•
##	3870	25	IgG4	TRUE	AVO	9.730100e+01	IU/ML
	3871	25	IgG4	TRUE	PD1	2.122727e+00	IU/ML
	3872	34	IgE	FALSE	Total	3.740909e+02	UG/ML
##	3873	34	IgE	FALSE	Total	9.127819e+02	IU/ML
##	3874	34	IgG	TRUE	PT	1.395544e+02	IU/ML
##	3875	34	IgG	TRUE	PRN	7.192585e+01	IU/ML
##	3876	34	IgG	TRUE	FHA	1.291323e+02	IU/ML
##	3877	34	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	3878	34	IgE	TRUE	LOS	1.681818e+00	IU/ML
##	3879	34	IgE	TRUE		1.062704e+00	•
##	3880	34	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	3881	34	IgE	TRUE	LOLP1	8.207496e-01	IU/ML
##	3882	34	IgE	TRUE	Measles	2.389807e-01	IU/ML
##	3883	34	IgE	TRUE	PTM	4.819159e-01	IU/ML
##	3884	34	IgE	TRUE	1% PFA PT	4.691653e-01	IU/ML
##	3885	34	IgE	TRUE	PRN	4.948864e-01	IU/ML
##	3886	34	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	3887	34	IgE	TRUE	FIM2/3	2.795455e+00	IU/ML
##	3888	34	IgE	TRUE	TT	1.000000e-01	IU/ML
##	3889	34	IgE	TRUE	DT	9.817437e-01	IU/ML
##	3890	34	IgE	TRUE	OVA	1.516381e+00	IU/ML
##	3891	34	IgG1	TRUE	ACT	6.598151e+02	IU/ML
##	3892	34	IgG1	TRUE	LOS	6.023810e+00	IU/ML
##	3893	34	IgG1	TRUE	FELD1	6.228476e+00	IU/ML
##	3894	34	IgG1	TRUE	BETV1	3.052980e+00	IU/ML
##	3895	34	IgG1	TRUE	LOLP1	1.367740e+00	IU/ML
##	3896	34	IgG1	TRUE	Measles	2.485502e+01	IU/ML
##	3897	34	IgG1	TRUE	PTM	6.040037e+03	IU/ML
##	3898	34	IgG1	TRUE	1% PFA PT	6.103029e+03	IU/ML
	3899	34	IgG1	TRUE	PRN	2.159501e+04	IU/ML
##	3900	34	IgG1	TRUE	FHA	1.647555e+04	IU/ML
##	3901	34	IgG1	TRUE	FIM2/3	1.949551e+04	IU/ML
##	3902	34	IgG1	TRUE	TT	2.156960e+04	IU/ML
##	3903	34	IgG1	TRUE	DT	1.504351e+04	IU/ML
##	3904	34	IgG1	TRUE	AVO	1.272293e+02	IU/ML
##	3905	34	IgG1	TRUE	PD1	6.296921e+00	IU/ML
##	3906	34	IgG2	TRUE	ACT	8.323110e+01	IU/ML
##	3907	34	IgG2	TRUE	LOS	1.797648e+01	IU/ML
##	3908	34	IgG2	TRUE	FELD1	2.015152e+00	IU/ML
##	3909	34	IgG2	TRUE	BETV1	1.406250e+00	IU/ML
##	3910	34	IgG2	TRUE	LOLP1	7.653926e+00	IU/ML
##	3911	34	IgG2	TRUE	Measles	1.448546e+01	IU/ML
##	3912	34	IgG2	TRUE	PTM	2.623232e+01	IU/ML
##	3913	34	IgG2	TRUE		4.583377e+01	
##	3914	34	IgG2	TRUE		1.722108e+03	
##	3915	34	IgG2	TRUE	FHA	8.229158e+02	IU/ML
##	3916	34	IgG2	TRUE	FIM2/3	2.393295e+02	IU/ML
##	3917	34	IgG2	TRUE		3.339610e+01	
##	3918	34	IgG2	TRUE	DT	1.932493e+03	IU/ML

##	3919	34	IgG2	TRUE	AVO	3.048870e+02	IU/ML
##	3920	34	IgG2	TRUE	PD1	3.799513e+01	IU/ML
##	3921	34	IgG3	TRUE	ACT	2.536195e+01	IU/ML
##	3922	34	IgG3	TRUE	LOS	4.077540e+00	IU/ML
##	3923	34	IgG3	TRUE	FELD1	8.946281e+00	IU/ML
##	3924	34	IgG3	TRUE	BETV1	4.909091e-01	IU/ML
##	3925	34	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	3926	34	IgG3	TRUE	Measles	4.416996e-01	IU/ML
##	3927	34	IgG3	TRUE	PTM	4.003388e-01	IU/ML
##	3928	34	IgG3	TRUE	1% PFA PT	8.098938e-01	IU/ML
##	3929	34	IgG3	TRUE	PRN	1.938470e+01	IU/ML
	3930	34	IgG3	TRUE	FHA	1.441414e+02	IU/ML
##	3931	34	IgG3	TRUE	FIM2/3	1.764204e+02	IU/ML
##	3932	34	IgG3	TRUE		1.977273e+01	
##	3933	34	IgG3	TRUE	DT	4.325473e+01	IU/ML
##	3934	34	IgG3	TRUE	OVA	2.827807e+01	IU/ML
##	3935	34	IgG3	TRUE	PD1	1.856459e+00	IU/ML
##	3936	34	IgG4	TRUE	ACT	4.968950e+00	IU/ML
##	3937	34	IgG4	TRUE	LOS	1.987461e+00	IU/ML
##	3938	34	IgG4	TRUE	FELD1	2.368881e+00	IU/ML
##	3939	34	IgG4	TRUE	BETV1	9.037433e-01	IU/ML
##	3940	34	IgG4	TRUE	LOLP1	1.083916e+00	IU/ML
##	3941	34	IgG4	TRUE	Measles	2.297297e+00	IU/ML
##	3942	34	IgG4	TRUE	PTM	1.039077e+02	IU/ML
##	3943	34	IgG4	TRUE	1% PFA PT	1.148481e+02	IU/ML
##	3944	34	IgG4	TRUE	PRN	1.553119e+02	IU/ML
##	3945	34	IgG4	TRUE	FHA	4.604274e+02	IU/ML
##	3946	34	IgG4	TRUE	FIM2/3	1.370608e+03	IU/ML
##	3947	34	IgG4	TRUE	TT	4.798602e+02	IU/ML
##	3948	34	IgG4	TRUE	DT	1.119243e+03	IU/ML
##	3949	34	IgG4	TRUE	AVO	4.463110e+03	IU/ML
##	3950	34	IgG4	TRUE	PD1	2.122727e+00	IU/ML
##	3951	43	IgE	FALSE	Total	4.029154e+02	UG/ML
##	3952	43	IgE	FALSE	Total	9.831136e+02	IU/ML
##	3953	43	IgG	TRUE	PT	1.204283e+02	IU/ML
##	3954	43	IgG	TRUE	PRN	6.994920e+01	IU/ML
##	3955	43	IgG	TRUE	FHA	1.728796e+02	IU/ML
##	3956	43	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	3957	43	IgE	TRUE	LOS	1.681818e+00	IU/ML
##	3958	43	IgE	TRUE	FELD1	1.000000e-01	IU/ML
##	3959	43	IgE	TRUE	BETV1	5.274621e-01	IU/ML
##	3960	43	IgE	TRUE	LOLP1	5.225439e+01	IU/ML
##	3961	43	IgE	TRUE	Measles	2.389807e-01	IU/ML
##	3962	43	IgE	TRUE	PTM	8.915445e+00	IU/ML
##	3963	43	IgE	TRUE	1% PFA PT	7.506645e+00	IU/ML
##	3964	43	IgE	TRUE	PRN	1.000000e-01	IU/ML
##	3965	43	IgE	TRUE	FHA	5.157699e-01	IU/ML
##	3966	43	IgE	TRUE	FIM2/3	4.193182e+00	IU/ML
	3967	43	IgE	TRUE		1.990119e+00	
	3968	43	IgE	TRUE		4.368759e+01	
	3969	43	IgE	TRUE		5.054604e-01	
	3970	43	IgG1	TRUE		7.460917e+02	
	3971	43	IgG1	TRUE		5.956364e+00	
	3972	43	IgG1	TRUE		8.465368e+00	
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	3973	43	IgG1	TRUE		1.000000e-01	
	3974	43	IgG1	TRUE		9.073427e-01	
	3975	43	IgG1	TRUE		2.485027e+01	
##	3976	43	IgG1	TRUE		1.418542e+03	
##	3977	43	IgG1	TRUE	1% PFA PT	2.159046e+03	IU/ML
##	3978	43	IgG1	TRUE	PRN	1.497454e+04	IU/ML
##	3979	43	IgG1	TRUE	FHA	2.002500e+04	IU/ML
##	3980	43	IgG1	TRUE	FIM2/3	3.261781e+04	IU/ML
##	3981	43	IgG1	TRUE	TT	1.673733e+04	IU/ML
##	3982	43	IgG1	TRUE	DT	1.177587e+04	IU/ML
##	3983	43	IgG1	TRUE	AVO	1.058764e+01	IU/ML
##	3984	43	IgG1	TRUE	PD1	5.710784e+00	IU/ML
##	3985	43	IgG2	TRUE	ACT	1.113152e+02	IU/ML
##	3986	43	IgG2	TRUE	LOS	2.785088e+00	IU/ML
##	3987	43	IgG2	TRUE	FELD1	1.000000e-01	IU/ML
##	3988	43	IgG2	TRUE	BETV1	1.406250e+00	IU/ML
##	3989	43	IgG2	TRUE	LOLP1	4.938017e-01	IU/ML
##	3990	43	IgG2	TRUE	Measles	1.187333e+00	IU/ML
##	3991	43	IgG2	TRUE	PTM	2.400505e+01	IU/ML
##	3992	43	IgG2	TRUE	1% PFA PT	3.656950e+01	IU/ML
##	3993	43	IgG2	TRUE	PRN	1.375655e+02	IU/ML
##	3994	43	IgG2	TRUE	FHA	1.748354e+03	IU/ML
##	3995	43	IgG2	TRUE	FIM2/3	5.290689e+02	IU/ML
##	3996	43	IgG2	TRUE	TT	9.454708e+01	IU/ML
##	3997	43	IgG2	TRUE	DT	8.895904e+02	IU/ML
##	3998	43	IgG2	TRUE	AVO	4.598713e+01	IU/ML
##	3999	43	IgG2	TRUE	PD1	2.696429e+00	IU/ML
##	4000	43	IgG3	TRUE	ACT	1.854363e+02	IU/ML
##	4001	43	IgG3	TRUE	LOS	1.631016e+00	IU/ML
##	4002	43	IgG3	TRUE	FELD1	1.341942e+00	IU/ML
##	4003	43	IgG3	TRUE	BETV1	4.909091e-01	IU/ML
##	4004	43	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	4005	43	IgG3	TRUE	Measles	4.416996e-01	IU/ML
##	4006	43	IgG3	TRUE	PTM	2.001694e-01	IU/ML
##	4007	43	IgG3	TRUE	1% PFA PT	4.049469e-01	IU/ML
##	4008	43	IgG3	TRUE	PRN	5.591741e+00	IU/ML
##	4009	43	IgG3	TRUE	FHA	3.671162e+01	IU/ML
##	4010	43	IgG3	TRUE	FIM2/3	2.004777e+01	IU/ML
##	4011	43	IgG3	TRUE		2.448052e+00	
##	4012	43	IgG3	TRUE	DT	2.300053e+01	IU/ML
##	4013	43	IgG3	TRUE	OVA	2.209225e-01	IU/ML
##	4014	43	IgG3	TRUE	PD1	9.282297e-01	IU/ML
##	4015	43	IgG4	TRUE		1.150704e+01	
##	4016	43	IgG4	TRUE		9.937304e-01	
##	4017	43	IgG4	TRUE	FELD1	1.421329e+00	IU/ML
##	4018	43	IgG4	TRUE	BETV1	9.037433e-01	IU/ML
	4019	43	IgG4	TRUE	LOLP1	1.907692e+01	IU/ML
	4020	43	IgG4	TRUE		1.378378e+00	
	4021	43	IgG4	TRUE		2.133818e+02	
	4022	43	IgG4			2.806194e+02	
	4023	43	IgG4	TRUE		6.233254e+01	
	4024	43	IgG4	TRUE		3.293762e+03	
	4025	43	IgG4	TRUE		4.851656e+02	
	4026	43	IgG4	TRUE		3.734260e+02	
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## 4027	шш	1007	42	T C /	TOLLE	חת	0 072067-102	TII /MI
## 4029								
## 4030				_				
## 4031				_				
## 4032								
## 4033								
## 4034								
## 4035								
## 4036	##	4034				FHA	1.247809e+02	IU/ML
## 4037	##	4035			TRUE			
## 4038	##	4036	52	IgE	TRUE	LOS	4.514561e+03	IU/ML
## 4039	##	4037	52	IgE	TRUE	FELD1	8.693450e+03	IU/ML
## 4040	##	4038	52	IgE	TRUE	BETV1	5.274621e-01	IU/ML
## 4041 52 IgE TRUE PTM 4.337243e+00   ## 4042 52 IgE TRUE 11% PFA PT 3.284157e+00   ## 4043 52 IgE TRUE PRN 9.897727e-01   ## 4044 52 IgE TRUE PRN 4.126160e+00   ## 4045 52 IgE TRUE FHA 4.126160e+00   ## 4046 52 IgE TRUE FHA 4.126160e+01   ## 4046 52 IgE TRUE TT 1.492589e+00   ## 4047 52 IgE TRUE DVA 2.274572e+00   ## 4048 52 IgE TRUE OVA 2.274572e+00   ## 4049 52 IgE TRUE OVA 2.274572e+00   ## 4050 52 IgG1 TRUE ACT 2.333151e+02   ## 4050 52 IgG1 TRUE LOS 1.789225e+03   ## 4051 52 IgG1 TRUE BETV1 1.000000e-01   ## 4053 52 IgG1 TRUE BETV1 1.000000e-01   ## 4053 52 IgG1 TRUE Measles 2.950468e+01   ## 4056 52 IgG1 TRUE Measles 2.950468e+01   ## 4056 52 IgG1 TRUE PTM 1.669807e+03   ## 4057 52 IgG1 TRUE PRN 2.611320e+03   ## 4058 52 IgG1 TRUE FIM2/3 5.317479e+04   ## 4060 52 IgG1 TRUE FIM2/3 5.317479e+04   ## 4060 52 IgG1 TRUE DT 1.242424e+04   ## 4061 52 IgG1 TRUE DT 1.24242e+04   ## 4062 52 IgG1 TRUE DT 1.24242e+04   ## 4064 52 IgG2 TRUE DT 1.46898e+00   ## 4064 52 IgG2 TRUE DT 1.478988e+00   ## 4066 52 IgG2 TRUE DT 1.478988e+00   ## 4066 52 IgG2 TRUE BETV1 4.68750e-01   ## 4067 52 IgG2 TRUE BETV1 4.68750e-01   ## 4068 52 IgG2 TRUE BETV1 4.68750e-01   ## 4069 52 IgG2 TRUE BETV1 4.68750e-01   ## 4069 52 IgG2 TRUE BETV1 4.68750e-01   ## 4060 52 IgG2 TRUE BETV1 4.68750e-01   ## 4061 52 IgG2 TRUE BETV1 4.68750e-01   ## 4062 52 IgG2 TRUE BETV1 4.68750e-01   ## 4064 52 IgG2 TRUE BETV1 4.68750e-01   ## 4066 52 IgG2 TRUE BETV1 4.68750e-01   ## 4068 52 IgG2 TRUE PRN 1.5902621e+01   ## 4069 52 IgG2 TRUE PRN 1.5902621e+01   ## 4070 52 IgG2 T	##	4039	52	IgE	TRUE	LOLP1	2.106591e+01	IU/ML
## 4042	##	4040	52	IgE	TRUE	Measles	1.000000e-01	IU/ML
## 4043	##	4041	52	IgE	TRUE	PTM	4.337243e+00	IU/ML
## 4044	##	4042	52	IgE	TRUE	1% PFA PT	3.284157e+00	IU/ML
## 4044	##	4043	52	IgE	TRUE	PRN	9.897727e-01	IU/ML
## 4045	##	4044	52		TRUE	FHA	4.126160e+00	IU/ML
## 4046	##	4045	52		TRUE	FIM2/3	1.304545e+01	IU/ML
## 4047	##	4046	52		TRUE	TT	1.492589e+00	IU/ML
## 4048	##	4047	52		TRUE	DT	7.853949e+00	IU/ML
## 4049						OVA	2.274572e+00	IU/ML
## 4050								
## 4051								
## 4052								
## 4053								
## 4054								
## 4055				_				
## 4056				_				
## 4057 52 IgG1 TRUE PRN 2.611320e+03				_				
## 4058				_				
## 4059				_				
## 4060 52 IgG1 TRUE TT 2.117522e+04 2 ## 4061 52 IgG1 TRUE DT 1.242424e+04 2 ## 4062 52 IgG1 TRUE OVA 8.798568e+01 2 ## 4063 52 IgG1 TRUE PD1 4.786988e+00 3 ## 4064 52 IgG2 TRUE ACT 1.276551e+01 3 ## 4065 52 IgG2 TRUE LOS 2.734450e+01 3 ## 4066 52 IgG2 TRUE FELD1 4.433333e+01 3 ## 4067 52 IgG2 TRUE BETV1 4.687500e-01 3 ## 4068 52 IgG2 TRUE LOLP1 4.938017e-01 3 ## 4069 52 IgG2 TRUE Measles 1.424799e+00 3 ## 4070 52 IgG2 TRUE PTM 1.484848e+00 3 ## 4071 52 IgG2 TRUE PTM 1.484848e+00 3 ## 4072 52 IgG2 TRUE PRN 1.592621e+01 3 ## 4073 52 IgG2 TRUE FHA 6.028018e+01 3 ## 4074 52 IgG2 TRUE FIM2/3 4.367292e+02 3 ## 4075 52 IgG2 TRUE TRUE DT 1.029180e+03 3 ## 4077 52 IgG2 TRUE DVA 1.265281e+02 3 ## 4078 52 IgG2 TRUE PD1 2.206169e+00 3 ## 4078 52 IgG2 TRUE PD1 2.206169e+00 3 ## 4078 52 IgG2 TRUE PD1 2.206169e+00 3 ## 4079 52 IgG3 TRUE PD1 2.206169e+00 3				_				
## 4061 52 IgG1 TRUE DT 1.242424e+04   ## 4062 52 IgG1 TRUE OVA 8.798568e+01   ## 4063 52 IgG1 TRUE PD1 4.786988e+00   ## 4064 52 IgG2 TRUE ACT 1.276551e+01   ## 4065 52 IgG2 TRUE LOS 2.734450e+01   ## 4066 52 IgG2 TRUE FELD1 4.433333e+01   ## 4067 52 IgG2 TRUE BETV1 4.687500e-01   ## 4068 52 IgG2 TRUE LOLP1 4.938017e-01   ## 4069 52 IgG2 TRUE Measles 1.424799e+00   ## 4070 52 IgG2 TRUE PTM 1.484848e+00   ## 4071 52 IgG2 TRUE PTM 1.484848e+00   ## 4072 52 IgG2 TRUE PRN 1.592621e+01   ## 4073 52 IgG2 TRUE FHA 6.028018e+01   ## 4074 52 IgG2 TRUE FHA 6.028018e+01   ## 4075 52 IgG2 TRUE FIM2/3 4.367292e+02   ## 4076 52 IgG2 TRUE DT 1.029180e+03   ## 4077 52 IgG2 TRUE DT 1.029180e+03   ## 4078 52 IgG2 TRUE PD1 2.206169e+00   ## 4078 52 IgG2 TRUE PD1 2.206169e+00   ## 4078 52 IgG2 TRUE PD1 2.206169e+00   ## 4079 52 IgG3 TRUE PD1 2.206169e+00				_				
## 4062				_				
## 4063				_				
## 4064 52 IgG2 TRUE ACT 1.276551e+01 1				_				
## 4065				_				
## 4066								
## 4067 52 IgG2 TRUE BETV1 4.687500e-01 3   ## 4068 52 IgG2 TRUE LOLP1 4.938017e-01 3   ## 4069 52 IgG2 TRUE Measles 1.424799e+00 3   ## 4070 52 IgG2 TRUE PTM 1.484848e+00 3   ## 4071 52 IgG2 TRUE 1% PFA PT 1.950373e+00 3   ## 4072 52 IgG2 TRUE PRN 1.592621e+01 3   ## 4073 52 IgG2 TRUE FHA 6.028018e+01 3   ## 4074 52 IgG2 TRUE FIM2/3 4.367292e+02 3   ## 4075 52 IgG2 TRUE TT 6.814610e+01 3   ## 4076 52 IgG2 TRUE DT 1.029180e+03 3   ## 4077 52 IgG2 TRUE DT 1.029180e+03 3   ## 4078 52 IgG2 TRUE PD1 2.206169e+00 3   ## 4079 52 IgG3 TRUE ACT 1.121072e+01 3   ## 4079 52 IgG3								
## 4068 52 IgG2 TRUE LOLP1 4.938017e-01 1   ## 4069 52 IgG2 TRUE Measles 1.424799e+00 1   ## 4070 52 IgG2 TRUE PTM 1.484848e+00 1   ## 4071 52 IgG2 TRUE 1% PFA PT 1.950373e+00 1   ## 4072 52 IgG2 TRUE PRN 1.592621e+01 1   ## 4073 52 IgG2 TRUE FHA 6.028018e+01 1   ## 4074 52 IgG2 TRUE FIM2/3 4.367292e+02 1   ## 4075 52 IgG2 TRUE TRUE TT 6.814610e+01 1   ## 4076 52 IgG2 TRUE DT 1.029180e+03 1   ## 4077 52 IgG2 TRUE OVA 1.265281e+02 1   ## 4078 52 IgG3 TRUE ACT 1.121072e+01 1								
## 4069 52 IgG2 TRUE Measles 1.424799e+00 2 ## 4070 52 IgG2 TRUE PTM 1.484848e+00 2 ## 4071 52 IgG2 TRUE 1% PFA PT 1.950373e+00 2 ## 4072 52 IgG2 TRUE PRN 1.592621e+01 2 ## 4073 52 IgG2 TRUE FHA 6.028018e+01 2 ## 4074 52 IgG2 TRUE FIM2/3 4.367292e+02 2 ## 4075 52 IgG2 TRUE TT 6.814610e+01 2 ## 4076 52 IgG2 TRUE DT 1.029180e+03 2 ## 4077 52 IgG2 TRUE OVA 1.265281e+02 2 ## 4078 52 IgG3 TRUE ACT 1.121072e+01 2								
## 4070 52 IgG2 TRUE PTM 1.484848e+00 1								
## 4071 52 IgG2 TRUE 1% PFA PT 1.950373e+00 1   ## 4072 52 IgG2 TRUE PRN 1.592621e+01 1   ## 4073 52 IgG2 TRUE FHA 6.028018e+01 1   ## 4074 52 IgG2 TRUE FIM2/3 4.367292e+02 1   ## 4075 52 IgG2 TRUE TT 6.814610e+01 1   ## 4076 52 IgG2 TRUE DT 1.029180e+03 1   ## 4077 52 IgG2 TRUE OVA 1.265281e+02 1   ## 4078 52 IgG2 TRUE PD1 2.206169e+00 1   ## 4079 52 IgG3 TRUE ACT 1.121072e+01 1								
## 4072 52 IgG2 TRUE PRN 1.592621e+01 2 ## 4073 52 IgG2 TRUE FHA 6.028018e+01 2 ## 4074 52 IgG2 TRUE FIM2/3 4.367292e+02 2 ## 4075 52 IgG2 TRUE TT 6.814610e+01 2 ## 4076 52 IgG2 TRUE DT 1.029180e+03 2 ## 4077 52 IgG2 TRUE OVA 1.265281e+02 2 ## 4078 52 IgG2 TRUE PD1 2.206169e+00 2 ## 4079 52 IgG3 TRUE ACT 1.121072e+01 2								
## 4073 52 IgG2 TRUE FHA 6.028018e+01 1   ## 4074 52 IgG2 TRUE FIM2/3 4.367292e+02 1   ## 4075 52 IgG2 TRUE TT 6.814610e+01 1   ## 4076 52 IgG2 TRUE DT 1.029180e+03 1   ## 4077 52 IgG2 TRUE OVA 1.265281e+02 1   ## 4078 52 IgG2 TRUE PD1 2.206169e+00 1   ## 4079 52 IgG3 TRUE ACT 1.121072e+01 1								
## 4074 52 IgG2 TRUE FIM2/3 4.367292e+02 1								
## 4075 52 IgG2 TRUE TT 6.814610e+01 1   ## 4076 52 IgG2 TRUE DT 1.029180e+03 1   ## 4077 52 IgG2 TRUE OVA 1.265281e+02 1   ## 4078 52 IgG2 TRUE PD1 2.206169e+00 1   ## 4079 52 IgG3 TRUE ACT 1.121072e+01 1								
## 4076 52 IgG2 TRUE DT 1.029180e+03 I ## 4077 52 IgG2 TRUE OVA 1.265281e+02 I ## 4078 52 IgG2 TRUE PD1 2.206169e+00 I ## 4079 52 IgG3 TRUE ACT 1.121072e+01 I				_				
## 4077 52 IgG2 TRUE OVA 1.265281e+02 I ## 4078 52 IgG2 TRUE PD1 2.206169e+00 I ## 4079 52 IgG3 TRUE ACT 1.121072e+01 I				_				
## 4078 52 IgG2 TRUE PD1 2.206169e+00 I ## 4079 52 IgG3 TRUE ACT 1.121072e+01 I				_				
## 4079 52 IgG3 TRUE ACT 1.121072e+01 3				_				
<u> </u>				_				
## 4080 52 IgG3 TRUE LOS 2.038770e+00 1				_				
	##	4080	52	1gG3	TRUE	LOS	2.038770e+00	TU/ML

	4081	52	IgG3	TRUE		1.789256e+00	•
	4082	52	IgG3	TRUE		4.909091e-01	
	4083	52	IgG3	TRUE		8.260695e+01	
	4084	52	IgG3	TRUE		1.325099e+00	
	4085	52	IgG3	TRUE		4.003388e-01	
	4086	52	IgG3			2.024735e+00	
	4087	52	IgG3	TRUE	PRN	8.098704e+02	IU/ML
	4088	52	IgG3	TRUE	FHA	4.482683e+01	IU/ML
##	4089	52	IgG3	TRUE	FIM2/3	1.072629e+04	IU/ML
	4090	52	IgG3	TRUE	TT	2.466883e+01	IU/ML
##	4091	52	IgG3	TRUE	DT	1.500184e+02	IU/ML
##	4092	52	IgG3	TRUE	AVO	6.627674e+00	IU/ML
	4093	52	IgG3	TRUE	PD1	1.000000e-01	IU/ML
	4094	52	IgG4	TRUE	ACT	2.615237e+00	IU/ML
##	4095	52	IgG4	TRUE	LOS	9.316223e+02	IU/ML
	4096	52	IgG4	TRUE	FELD1	1.498554e+03	IU/ML
##	4097	52	IgG4	TRUE	BETV1	1.000000e-01	IU/ML
##	4098	52	IgG4	TRUE	LOLP1	8.671329e-01	IU/ML
##	4099	52	IgG4	TRUE	Measles	1.378378e+00	IU/ML
##	4100	52	IgG4	TRUE	PTM	3.180847e+00	IU/ML
##	4101	52	IgG4	TRUE	1% PFA PT	3.792155e+00	IU/ML
##	4102	52	IgG4	TRUE	PRN	4.085378e+02	IU/ML
##	4103	52	IgG4	TRUE	FHA	3.983284e+02	IU/ML
##	4104	52	IgG4	TRUE	FIM2/3	8.180750e+02	IU/ML
##	4105	52	IgG4	TRUE	TT	1.902090e+03	IU/ML
##	4106	52	IgG4	TRUE	DT	6.196013e+03	IU/ML
##	4107	52	IgG4	TRUE	AVO	1.497799e+04	IU/ML
##	4108	52	IgG4	TRUE	PD1	2.122727e+00	IU/ML
##	4109	61	IgE	FALSE	Total	7.058308e+02	UG/ML
##	4110	61	IgE	FALSE	Total	1.722227e+03	IU/ML
##	4111	61	IgG	TRUE	PT	1.676128e+01	IU/ML
##	4112	61	IgG	TRUE	PRN	1.151625e+03	IU/ML
##	4113	61	IgG	TRUE	FHA	7.926652e+01	IU/ML
##	4114	61	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	4115	61	IgE	TRUE	LOS	1.681818e+00	IU/ML
##	4116	61	IgE	TRUE	FELD1	1.062704e+00	IU/ML
##	4117	61	IgE	TRUE	BETV1	5.274621e-01	IU/ML
##	4118	61	IgE	TRUE	LOLP1	8.207496e-01	IU/ML
##	4119	61	IgE	TRUE		1.000000e-01	
##	4120	61	IgE	TRUE	PTM	4.819159e-01	IU/ML
##	4121	61	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	4122	61	IgE	TRUE	PRN	9.897727e-01	IU/ML
##	4123	61	IgE	TRUE		5.157699e-01	
##	4124	61	IgE	TRUE		3.261364e+00	
	4125	61	IgE	TRUE		7.462945e-01	
	4126	61	IgE	TRUE	DT	2.454359e+00	IU/ML
	4127	61	IgE	TRUE		5.054604e-01	
	4128	61	IgG1	TRUE		2.224482e+01	
	4129	61	IgG1	TRUE		7.327273e-01	
	4130	61	IgG1	TRUE		5.590909e+00	
	4131	61	IgG1	TRUE		1.000000e-01	
	4132	61	IgG1	TRUE		2.029720e+00	
	4133	61	IgG1	TRUE		2.823529e+01	
	4134	61	IgG1	TRUE		7.697000e+01	
			O				,

##	4135	61	IgG1	TRUE	1% PFA PT	1.417088e+02	IU/ML
##	4136	61	IgG1	TRUE		1.599698e+04	
##	4137	61	IgG1	TRUE	FHA	8.175549e+03	IU/ML
##	4138	61	IgG1	TRUE	FIM2/3	4.420929e+04	IU/ML
##	4139	61	IgG1	TRUE		1.318345e+04	
##	4140	61	IgG1	TRUE	DT	2.801230e+03	IU/ML
##	4141	61	IgG1	TRUE		1.000000e-01	
##	4142	61	IgG1	TRUE	PD1	6.326649e+00	IU/ML
##	4143	61	IgG2	TRUE	ACT	1.741215e+02	IU/ML
##	4144	61	IgG2	TRUE	LOS	1.772329e+01	IU/ML
##	4145	61	IgG2	TRUE	FELD1	1.000000e-01	IU/ML
##	4146	61	IgG2	TRUE	BETV1	9.375000e-01	IU/ML
##	4147	61	IgG2	TRUE	LOLP1	1.481405e+00	IU/ML
##	4148	61	IgG2	TRUE	Measles	3.799465e+00	IU/ML
##	4149	61	IgG2	TRUE	PTM	2.474747e+00	IU/ML
##	4150	61	IgG2	TRUE	1% PFA PT	7.313900e+00	IU/ML
##	4151	61	IgG2	TRUE	PRN	8.447816e+01	IU/ML
##	4152	61	IgG2	TRUE	FHA	6.279186e+02	IU/ML
##	4153	61	IgG2	TRUE	FIM2/3	3.029543e+03	IU/ML
##	4154	61	IgG2	TRUE	TT	4.964286e+01	IU/ML
##	4155	61	IgG2	TRUE	DT	2.125553e+03	IU/ML
##	4156	61	IgG2	TRUE	OVA	1.016290e+00	IU/ML
##	4157	61	IgG2	TRUE	PD1	4.167208e+00	IU/ML
##	4158	61	IgG3	TRUE	ACT	2.903760e+01	IU/ML
##	4159	61	IgG3	TRUE	LOS	3.669786e+00	IU/ML
##	4160	61	IgG3	TRUE	FELD1	1.789256e+00	IU/ML
##	4161	61	IgG3	TRUE	BETV1	2.454545e-01	IU/ML
##	4162	61	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	4163	61	IgG3	TRUE	Measles	3.754447e+00	IU/ML
##	4164	61	IgG3	TRUE	PTM	8.006776e-01	IU/ML
##	4165	61	IgG3	TRUE	1% PFA PT	1.619788e+00	IU/ML
##	4166	61	IgG3	TRUE	PRN	7.474293e+01	IU/ML
##	4167	61	IgG3	TRUE	FHA	9.699598e+01	IU/ML
##	4168	61	IgG3	TRUE	FIM2/3	3.717950e+01	IU/ML
##	4169	61	IgG3	TRUE	TT	9.603896e+00	IU/ML
##	4170	61	IgG3	TRUE	DT	8.657811e+02	IU/ML
##	4171	61	IgG3	TRUE	OVA	1.767380e+00	IU/ML
##	4172	61	IgG3	TRUE	PD1	9.282297e-01	IU/ML
##	4173	61	IgG4	TRUE	ACT	5.230474e+00	IU/ML
##	4174	61	IgG4	TRUE	LOS	1.490596e+00	IU/ML
##	4175	61	IgG4	TRUE	FELD1	1.421329e+00	IU/ML
##	4176	61	IgG4	TRUE	BETV1	1.000000e-01	IU/ML
##	4177	61	IgG4	TRUE	LOLP1	8.671329e-01	IU/ML
##	4178	61	IgG4	TRUE	Measles	1.000000e-01	IU/ML
##	4179	61	IgG4	TRUE	PTM	7.952116e+00	IU/ML
##	4180	61	IgG4	TRUE	1% PFA PT	8.667782e+00	IU/ML
##	4181	61	IgG4	TRUE	PRN	1.459360e+03	IU/ML
##	4182	61	IgG4	TRUE	FHA	3.669992e+02	IU/ML
##	4183	61	IgG4	TRUE	FIM2/3	3.329094e+02	IU/ML
##	4184	61	IgG4	TRUE	TT	3.066133e+03	IU/ML
##	4185	61	IgG4	TRUE	DT	8.972103e+03	IU/ML
##	4186	61	IgG4	TRUE	AVO	4.770806e+02	IU/ML
##	4187	61	IgG4	TRUE	PD1	3.066162e+00	IU/ML
##	4188	76	IgE	FALSE	Total	2.064896e+03	UG/ML

	1100						/
	4189	76	IgE	FALSE		5.038345e+03	
	4190	76	IgG	TRUE		1.011236e+01	
	4191	76	IgG	TRUE		4.192339e+02	
	4192	76	IgG 	TRUE		1.660255e+02	
	4193	76	IgE	TRUE		1.000000e-01	
	4194	76	IgE	TRUE		1.681818e+00	
	4195	76	IgE	TRUE		5.313520e-01	
	4196	76	IgE	TRUE		5.274621e-01	
	4197	76	IgE	TRUE		1.915082e+00	•
	4198	76	IgE	TRUE		1.000000e-01	
	4199	76	IgE	TRUE		5.301075e+00	
	4200	76	IgE			5.160819e+00	
	4201	76	IgE	TRUE	PRN	1.484659e+00	IU/ML
	4202	76	IgE	TRUE	FHA	4.384045e+00	IU/ML
##	4203	76	IgE	TRUE	FIM2/3	4.193182e+00	IU/ML
##	4204	76	IgE	TRUE	TT	5.472826e+00	IU/ML
##	4205	76	IgE	TRUE	DT	3.632452e+01	IU/ML
##	4206	76	IgE	TRUE	OVA	1.010921e+00	IU/ML
##	4207	76	IgG1	TRUE	ACT	3.318277e+02	IU/ML
##	4208	76	IgG1	TRUE	LOS	7.619048e-01	IU/ML
##	4209	76	IgG1	TRUE	FELD1	9.642053e-01	IU/ML
##	4210	76	IgG1	TRUE	BETV1	5.609549e-01	IU/ML
##	4211	76	IgG1	TRUE	LOLP1	2.826831e+00	IU/ML
##	4212	76	IgG1	TRUE	Measles	1.319710e+01	IU/ML
##	4213	76	IgG1	TRUE	PTM	9.062651e+00	IU/ML
##	4214	76	IgG1	TRUE		3.366735e+01	
##	4215	76	IgG1	TRUE		1.196479e+04	
	4216	76	IgG1	TRUE		1.477139e+04	
	4217	76	IgG1	TRUE		6.674559e+04	
	4218	76	IgG1	TRUE		1.466496e+04	
	4219	76	IgG1	TRUE		6.215606e+03	
	4220	76	IgG1	TRUE		4.087052e+00	
	4221	76	IgG1	TRUE		1.737537e+00	
	4222	76	IgG2	TRUE		7.965675e+01	
	4223	76	IgG2	TRUE		3.038278e+00	•
	4224	76	IgG2	TRUE		1.007576e+00	-
	4225	76	IgG2	TRUE		1.875000e+00	
	4226	76	IgG2	TRUE		9.876033e-01	-
	4227	76	IgG2	TRUE		4.749332e-01	
	4228	76	IgG2	TRUE		9.898990e-01	
	4229	76	IgG2			2.437967e+00	
	4230	76	IgG2	TRUE		2.952119e+02	
	4231	76	IgG2	TRUE		8.436942e+02	
	4232	76	IgG2	TRUE		2.728497e+03	
	4233	76	IgG2	TRUE		2.224903e+02	
	4234	76	IgG2	TRUE		2.302762e+03	
	4235	76	IgG2	TRUE		1.422806e+01	
	4236	76 76	IgG2	TRUE		4.167208e+00	
	4237	76 76	_	TRUE		9.005331e+00	
		76 76	IgG3			2.446524e+00	
	4238		IgG3	TRUE			
	4239	76 76	IgG3	TRUE		1.565599e+00	
	4240	76	IgG3	TRUE		4.909091e-01	
	4241	76	IgG3	TRUE		7.635561e+01	
##	4242	76	IgG3	TRUE	measles	1.325099e+00	TU/ML

	4243	76	IgG3	TRUE		1.000000e-01	
	4244	76	IgG3			2.429681e+00	
	4245	76	IgG3	TRUE		7.729649e+02	
	4246	76	IgG3	TRUE	FHA	3.709806e+01	IU/ML
	4247	76	IgG3	TRUE		7.889162e+03	
##	4248	76	IgG3	TRUE	TT	2.372727e+01	IU/ML
##	4249	76	IgG3	TRUE	DT	1.383465e+02	IU/ML
##	4250	76	IgG3	TRUE	AVO	6.627674e+00	IU/ML
##	4251	76	IgG3	TRUE	PD1	2.320574e-01	IU/ML
##	4252	76	IgG4	TRUE	ACT	3.399808e+01	IU/ML
##	4253	76	IgG4	TRUE	LOS	6.210815e+00	IU/ML
##	4254	76	IgG4	TRUE	FELD1	5.211538e+00	IU/ML
##	4255	76	IgG4	TRUE	BETV1	2.259358e+00	IU/ML
##	4256	76	IgG4	TRUE	LOLP1	3.034965e+00	IU/ML
##	4257	76	IgG4	TRUE	Measles	5.054054e+00	IU/ML
##	4258	76	IgG4	TRUE	PTM	1.039077e+02	IU/ML
##	4259	76	IgG4	TRUE	1% PFA PT	1.608957e+02	IU/ML
##	4260	76	IgG4	TRUE	PRN	5.816924e+03	IU/ML
##	4261	76	IgG4	TRUE	FHA	5.790867e+03	IU/ML
##	4262	76	IgG4	TRUE	FIM2/3	1.315324e+03	IU/ML
##	4263	76	IgG4	TRUE	TT	8.920272e+03	IU/ML
##	4264	76	IgG4	TRUE	DT	1.837334e+04	IU/ML
##	4265	76	IgG4	TRUE	OVA	5.793740e+03	IU/ML
##	4266	76	IgG4	TRUE	PD1	3.302020e+00	IU/ML
##	4267	83	IgE	FALSE		8.244826e+02	
##	4268	83	IgE	FALSE		2.011738e+03	
##	4269	83	IgG	TRUE	PT	3.418229e+00	IU/ML
	4270	83	IgG	TRUE		1.107510e+03	
##	4271	83	IgG	TRUE		1.529553e+02	
##	4272	83	IgE	TRUE		1.000000e-01	
##	4273	83	IgE	TRUE		1.121212e+00	
##	4274	83	IgE	TRUE		1.062704e+00	
##	4275	83	IgE	TRUE		5.274621e-01	
	4276	83	IgE	TRUE	LOLP1	8.207496e-01	IU/ML
	4277	83	IgE	TRUE		1.000000e-01	•
	4278	83	IgE	TRUE		1.000000e-01	
	4279	83	IgE			1.00000e-01	
	4280	83	IgE	TRUE		4.948864e-01	
	4281	83	IgE	TRUE		1.000000e-01	
	4282	83	IgE	TRUE		2.329545e+00	
	4283	83	IgE	TRUE		4.975296e-01	
	4284	83	IgE	TRUE		9.817437e-01	
	4285	83	IgE	TRUE		1.010921e+00	
	4286	83	IgG1	TRUE		5.161240e+01	
	4287	83	IgG1	TRUE		1.000000e-01	
	4288	83	IgG1	TRUE		1.000000e-01	
	4289	83	IgG1	TRUE		1.000000e-01	
	4290	83	IgG1	TRUE		1.000000e-01	
	4291	83	IgG1	TRUE		4.763715e+00	
	4291	os 83	IgG1	TRUE		1.000000e-01	
	4293	os 83	IgG1			8.871400e+00	
	4294	os 83	IgG1	TRUE		2.077409e+04	
			-				
	4295	83	IgG1	TRUE		1.272395e+04	
##	4296	83	IgG1	TRUE	r 1M2/3	4.471871e+04	TO/ML

	4297	83	IgG1	TRUE	TT	2.104857e+04	IU/ML
##	4298	83	IgG1	TRUE	DT	1.925135e+04	IU/ML
##	4299	83	IgG1	TRUE	AVO	2.838145e+00	IU/ML
##	4300	83	IgG1	TRUE	PD1	1.230938e+00	IU/ML
	4301	83	IgG2	TRUE	ACT	5.744477e+01	IU/ML
##	4302	83	IgG2	TRUE	LOS	3.291467e+00	IU/ML
##	4303	83	IgG2	TRUE	FELD1	2.518939e-01	IU/ML
	4304	83	IgG2	TRUE	BETV1	1.406250e+00	IU/ML
##	4305	83	IgG2	TRUE	LOLP1	4.938017e-01	IU/ML
##	4306	83	IgG2	TRUE	Measles	9.498663e-01	IU/ML
##	4307	83	IgG2	TRUE	PTM	2.474747e+00	IU/ML
	4308	83	IgG2	TRUE	1% PFA PT	1.462780e+00	IU/ML
	4309	83	IgG2	TRUE	PRN	2.762851e+02	IU/ML
	4310	83	IgG2	TRUE	FHA	4.132846e+01	IU/ML
	4311	83	IgG2	TRUE	FIM2/3	6.364844e+02	IU/ML
	4312	83	IgG2	TRUE	TT	1.037987e+01	IU/ML
##	4313	83	IgG2	TRUE	DT	1.822714e+03	IU/ML
##	4314	83	IgG2	TRUE	AVO	6.605885e+00	IU/ML
##	4315	83	IgG2	TRUE	PD1	8.089286e+00	IU/ML
##	4316	83	IgG3	TRUE	ACT	2.278900e+01	IU/ML
##	4317	83	IgG3	TRUE	LOS	4.077540e+00	IU/ML
##	4318	83	IgG3	TRUE	FELD1	3.131198e+00	IU/ML
##	4319	83	IgG3	TRUE	BETV1	4.909091e-01	IU/ML
##	4320	83	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	4321	83	IgG3	TRUE	Measles	3.312747e+00	IU/ML
##	4322	83	IgG3	TRUE	PTM	1.000847e+00	IU/ML
##	4323	83	IgG3	TRUE	1% PFA PT	1.012367e+00	IU/ML
##	4324	83	IgG3	TRUE	PRN	6.262749e+01	IU/ML
##	4325	83	IgG3	TRUE	FHA	8.926721e+01	IU/ML
##	4326	83	IgG3	TRUE	FIM2/3	2.843138e+01	IU/ML
##	4327	83	IgG3	TRUE	TT	7.720779e+00	IU/ML
##	4328	83	IgG3	TRUE	DT	7.394499e+02	IU/ML
##	4329	83	IgG3	TRUE	OVA	1.767380e+00	IU/ML
##	4330	83	IgG3	TRUE	PD1	9.282297e-01	IU/ML
##	4331	83	IgG4	TRUE	ACT	3.138284e+00	IU/ML
##	4332	83	IgG4	TRUE	LOS	1.490596e+00	IU/ML
##	4333	83	IgG4	TRUE	FELD1	1.421329e+00	IU/ML
##	4334	83	IgG4	TRUE	BETV1	2.259358e+00	IU/ML
##	4335	83	IgG4	TRUE	LOLP1	1.300699e+00	IU/ML
##	4336	83	IgG4	TRUE	Measles	2.297297e+00	IU/ML
##	4337	83	IgG4	TRUE	PTM	2.120564e+00	IU/ML
##	4338	83	IgG4	TRUE	1% PFA PT	5.417364e-01	IU/ML
##	4339	83	IgG4	TRUE	PRN	3.064683e+01	IU/ML
##	4340	83	IgG4	TRUE	FHA	1.538488e+01	IU/ML
	4341	83	IgG4	TRUE	FIM2/3	9.818108e+01	IU/ML
##	4342	83	IgG4	TRUE	TT	7.302783e+01	IU/ML
##	4343	83	IgG4	TRUE	DT	3.456990e+03	IU/ML
##	4344	83	IgG4	TRUE	OVA	3.569571e+03	IU/ML
##	4345	83	IgG4	TRUE	PD1	3.066162e+00	IU/ML
	4346	87	IgE	FALSE	Total	2.454144e+03	UG/ML
##	4347	87	IgE	FALSE	Total	5.988112e+03	IU/ML
##	4348	87	IgG	TRUE	PT	4.453207e+01	IU/ML
##	4349	87	IgG	TRUE	PRN	1.032303e+03	IU/ML
##	4350	87	IgG	TRUE	FHA	2.524351e+02	IU/ML

	4351	87	IgE	TRUE		1.000000e-01	
	4352	87	IgE	TRUE		8.409091e+00	
	4353	87	IgE	TRUE		1.354948e+01	
	4354	87	IgE	TRUE		5.274621e-01	
	4355	87	IgE	TRUE		1.395548e+03	
	4356	87	IgE	TRUE		2.389807e-01	
	4357	87	IgE	TRUE	PTM	1.445748e+00	IU/ML
	4358	87	IgE	TRUE		1.876661e+00	
	4359	87	IgE	TRUE		4.948864e-01	
	4360	87	IgE	TRUE		2.578850e+00	
##	4361	87	IgE	TRUE	FIM2/3	9.318182e-01	IU/ML
##	4362	87	IgE	TRUE	TT	4.975296e-01	IU/ML
##	4363	87	IgE	TRUE	DT	9.817437e-01	IU/ML
	4364	87	IgE	TRUE	AVO	5.054604e-01	IU/ML
##	4365	87	IgG1	TRUE	ACT	4.385424e+02	IU/ML
##	4366	87	IgG1	TRUE	LOS	1.032900e+01	IU/ML
##	4367	87	IgG1	TRUE	FELD1	3.596341e+00	IU/ML
##	4368	87	IgG1	TRUE	BETV1	2.056170e+00	IU/ML
##	4369	87	IgG1	TRUE	LOLP1	8.813767e-01	IU/ML
##	4370	87	IgG1	TRUE	Measles	1.939812e+01	IU/ML
##	4371	87	IgG1	TRUE	PTM	8.794457e+02	IU/ML
##	4372	87	IgG1	TRUE	1% PFA PT	1.295315e+03	IU/ML
##	4373	87	IgG1	TRUE	PRN	2.484318e+04	IU/ML
##	4374	87	IgG1	TRUE	FHA	1.805367e+04	IU/ML
##	4375	87	IgG1	TRUE	FIM2/3	9.647369e+01	IU/ML
##	4376	87	IgG1	TRUE	TT	4.433608e+03	IU/ML
##	4377	87	IgG1	TRUE	DT	2.339354e+02	IU/ML
##	4378	87	IgG1	TRUE	OVA	3.337708e+00	IU/ML
##	4379	87	IgG1	TRUE	PD1	3.257331e+00	IU/ML
##	4380	87	IgG2	TRUE	ACT	1.215276e+02	IU/ML
##	4381	87	IgG2	TRUE	LOS	3.038278e+00	IU/ML
##	4382	87	IgG2	TRUE	FELD1	1.007576e+00	IU/ML
##	4383	87	IgG2	TRUE	BETV1	4.687500e-01	IU/ML
##	4384	87	IgG2	TRUE	LOLP1	1.481405e+00	IU/ML
##	4385	87	IgG2	TRUE	Measles	1.424799e+00	IU/ML
##	4386	87	IgG2	TRUE	PTM	9.898990e-01	IU/ML
##	4387	87	IgG2	TRUE	1% PFA PT	1.950373e+00	IU/ML
##	4388	87	IgG2	TRUE	PRN	3.000590e+01	IU/ML
##	4389	87	IgG2	TRUE	FHA	1.096003e+02	IU/ML
##	4390	87	IgG2	TRUE	FIM2/3	2.261381e+01	IU/ML
##	4391	87	IgG2	TRUE	TT	4.512987e+00	IU/ML
##	4392	87	IgG2	TRUE	DT	5.029972e+02	IU/ML
##	4393	87	IgG2	TRUE	AVO	1.000000e-01	IU/ML
##	4394	87	IgG2	TRUE	PD1	1.715909e+00	IU/ML
##	4395	87	IgG3	TRUE	ACT	6.248597e+00	IU/ML
##	4396	87	IgG3	TRUE	LOS	8.970588e+00	IU/ML
##	4397	87	IgG3	TRUE	FELD1	2.236570e+00	IU/ML
##	4398	87	IgG3	TRUE	BETV1	9.818182e-01	IU/ML
##	4399	87	IgG3	TRUE	LOLP1	8.930481e-01	IU/ML
##	4400	87	IgG3	TRUE	Measles	1.104249e+00	IU/ML
##	4401	87	IgG3	TRUE	PTM	6.005082e-01	IU/ML
##	4402	87	IgG3	TRUE	1% PFA PT	8.098938e-01	IU/ML
##	4403	87	IgG3	TRUE	PRN	5.740854e+01	IU/ML
##	4404	87	IgG3	TRUE	FHA	4.366751e+01	IU/ML

	4405	87	IgG3	TRUE		2.187030e+00	
	4406	87	IgG3	TRUE		1.318182e+00	
	4407	87	IgG3	TRUE		1.682128e+01	
	4408	87	IgG3	TRUE	OVA	8.836898e-01	IU/ML
	4409	87	IgG3	TRUE		2.320574e+00	
##	4410	87	IgG4	TRUE	ACT	2.876761e+00	IU/ML
##	4411	87	IgG4	TRUE	LOS	3.974922e+00	IU/ML
##	4412	87	IgG4	TRUE	FELD1	7.106643e+00	IU/ML
##	4413	87	IgG4	TRUE	BETV1	1.000000e-01	IU/ML
##	4414	87	IgG4	TRUE	LOLP1	1.517483e+01	IU/ML
##	4415	87	IgG4	TRUE	Measles	9.189189e-01	IU/ML
##	4416	87	IgG4	TRUE	PTM	3.976058e+00	IU/ML
##	4417	87	IgG4	TRUE	1% PFA PT	2.708682e+00	IU/ML
##	4418	87	IgG4	TRUE	PRN	7.635736e+01	IU/ML
##	4419	87	IgG4	TRUE	FHA	1.062955e+02	IU/ML
##	4420	87	IgG4	TRUE	FIM2/3	1.812574e+00	IU/ML
##	4421	87	IgG4	TRUE	TT	4.101989e+02	IU/ML
##	4422	87	IgG4	TRUE	DT	1.771284e+02	IU/ML
##	4423	87	IgG4	TRUE	OVA	1.248357e+03	IU/ML
##	4424	87	IgG4	TRUE	PD1	1.651010e+00	IU/ML
##	4425	88	IgE	FALSE		2.644752e+03	
##	4426	88	IgE	FALSE	Total	6.453195e+03	IU/ML
	4427	88	IgG	TRUE		3.613811e+01	
	4428	88	IgG	TRUE		8.266159e+02	
	4429	88	IgG	TRUE		1.682969e+02	
	4430	88	IgE	TRUE		1.000000e-01	
	4431	88	IgE	TRUE		6.727273e+00	
	4432	88	IgE	TRUE		1.275245e+01	
	4433	88	IgE	TRUE		5.274621e-01	
	4434	88	IgE	TRUE		1.358067e+03	
	4435	88	IgE	TRUE		1.000000e-01	•
	4436	88	IgE	TRUE		2.168622e+00	
	4437	88	IgE			4.691653e-01	•
	4438	88	IgE	TRUE		4.948864e-01	
	4439	88	IgE	TRUE		2.063080e+00	
	4440	88	IgE	TRUE		9.318182e-01	•
	4441	88	IgE	TRUE		9.950593e-01	
	4442	88	IgE	TRUE		1.227180e+00	
	4443	88	IgE	TRUE		5.054604e-01	
	4444	88	IgG1	TRUE		4.934447e+02	
	4445	88	IgG1	TRUE		7.937229e+00	
	4446	88	IgG1	TRUE		2.543487e+00	
	4447	88	IgG1	TRUE		1.557765e+00	
	4448	88	IgG1	TRUE		1.854104e+00	
		88				2.262265e+01	
	4449		IgG1	TRUE			
	4450	88	IgG1	TRUE		1.117150e+03	
	4451	88	IgG1			1.595321e+03	
	4452	88	IgG1	TRUE		2.596024e+04	
	4453	88	IgG1	TRUE		1.962395e+04	
	4454	88	IgG1	TRUE		1.260943e+02	
	4455	88	IgG1	TRUE		4.943131e+03	
	4456	88	IgG1	TRUE		2.881167e+02	
	4457	88	IgG1	TRUE		5.835522e+00	
##	4458	88	IgG1	TRUE	PD1	3.763930e+00	TU/ML

##	4459	88	IgG2	TRUE	ACT	1.230595e+02	IU/ML
##	4460	88	IgG2	TRUE	LOS	2.531898e+00	IU/ML
##	4461	88	IgG2	TRUE	FELD1	5.037879e-01	IU/ML
##	4462	88	IgG2	TRUE	BETV1	4.687500e-01	IU/ML
##	4463	88	IgG2	TRUE		1.000000e-01	
##	4464	88	IgG2	TRUE	Measles	4.749332e-01	IU/ML
##	4465	88	IgG2	TRUE	PTM	4.949495e-01	IU/ML
##	4466	88	IgG2	TRUE	1% PFA PT	1.462780e+00	IU/ML
##	4467	88	IgG2	TRUE	PRN	2.954427e+01	IU/ML
##	4468	88	IgG2	TRUE	FHA	1.173637e+02	IU/ML
##	4469	88	IgG2	TRUE	FIM2/3	2.638278e+01	IU/ML
##	4470	88	IgG2	TRUE	TT	3.159091e+00	IU/ML
##	4471	88	IgG2	TRUE	DT	5.306786e+02	IU/ML
##	4472	88	IgG2	TRUE	OVA	1.000000e-01	IU/ML
##	4473	88	IgG2	TRUE	PD1	1.225649e+00	IU/ML
##	4474	88	IgG3	TRUE	ACT	1.065937e+01	IU/ML
##	4475	88	IgG3	TRUE	LOS	1.284425e+01	IU/ML
##	4476	88	IgG3	TRUE	FELD1	4.025826e+00	IU/ML
##	4477	88	IgG3	TRUE	BETV1	4.909091e-01	IU/ML
##	4478	88	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
##	4479	88	IgG3	TRUE	Measles	8.833992e-01	IU/ML
##	4480	88	IgG3	TRUE	PTM	1.000000e-01	IU/ML
##	4481	88	IgG3	TRUE		1.214841e+00	
##	4482	88	IgG3	TRUE		8.667198e+01	
##	4483	88	IgG3	TRUE		6.453517e+01	
	4484	88	IgG3	TRUE		2.916039e+00	
	4485	88	IgG3	TRUE		9.415584e-01	
	4486	88	IgG3	TRUE		2.506028e+01	
	4487	88	IgG3	TRUE		1.767380e+00	
	4488	88	IgG3	TRUE		1.856459e+00	-
	4489	88	IgG4	TRUE		4.184379e+00	-
	4490	88	IgG4	TRUE		2.981191e+00	•
	4491	88	IgG4	TRUE		7.106643e+00	
	4492	88	IgG4	TRUE		6.778075e-01	•
	4493	88	IgG4	TRUE		1.452448e+01	•
	4494	88	IgG4	TRUE		4.594595e-01	-
	4495	88	IgG4	TRUE		3.180847e+00	
	4496	88	IgG4			3.250418e+00	
	4497	88	IgG4	TRUE		6.129366e+01	
	4498	88	IgG4	TRUE		7.664465e+01	
	4499	88	IgG4	TRUE		2.114669e+00	
	4500	88	IgG4	TRUE		3.967328e+02	
	4501	88	IgG4	TRUE		1.669286e+02	
	4502	88	IgG4	TRUE		1.323243e+03	
	4503	88	IgG4	TRUE		1.651010e+00	
	4504	89	IgE	FALSE		2.490344e+03	
	4505	89	IgE	FALSE		6.076440e+03	
	4506	89	IgG	TRUE		3.523752e+01	
	4507	89	IgG	TRUE		7.795843e+02	
	4508	89	IgG	TRUE		1.582893e+02	
	4509	89	IgE	TRUE		1.000000e-01	
	4510	89	IgE	TRUE		7.848485e+00	
	4511	89	IgE	TRUE		1.381515e+01	
	4512	89	IgE	TRUE		1.000000e-01	
##	T012	03	TRE	INUL	DEIVI	1.000000e-01	TO/ LIP

	4513	89	IgE	TRUE		1.439048e+03	
	4514	89	IgE	TRUE		1.000000e-01	
	4515	89	IgE	TRUE	PTM	2.409580e+00	IU/ML
##	4516	89	IgE	TRUE		1.407496e+00	
##	4517	89	IgE	TRUE	PRN	9.897727e-01	IU/ML
##	4518	89	IgE	TRUE	FHA	2.063080e+00	IU/ML
##	4519	89	IgE	TRUE	FIM2/3	4.659091e-01	IU/ML
##	4520	89	IgE	TRUE	TT	1.000000e-01	IU/ML
##	4521	89	IgE	TRUE	DT	9.817437e-01	IU/ML
##	4522	89	IgE	TRUE	AVO	5.054604e-01	IU/ML
##	4523	89	IgG1	TRUE	ACT	6.771651e+02	IU/ML
	4524	89	IgG1	TRUE	LOS	1.415584e+01	IU/ML
	4525	89	IgG1	TRUE	FELD1	3.069914e+00	IU/ML
##	4526	89	IgG1	TRUE	BETV1	1.059360e+00	IU/ML
##	4527	89	IgG1	TRUE	LOLP1	2.826831e+00	IU/ML
##	4528	89	IgG1	TRUE	Measles	2.683934e+01	IU/ML
##	4529	89	IgG1	TRUE	PTM	1.496037e+03	IU/ML
##	4530	89	IgG1	TRUE	1% PFA PT	2.129785e+03	IU/ML
##	4531	89	IgG1	TRUE	PRN	2.733894e+04	IU/ML
##	4532	89	IgG1	TRUE	FHA	2.291359e+04	IU/ML
##	4533	89	IgG1	TRUE	FIM2/3	1.964433e+02	IU/ML
##	4534	89	IgG1	TRUE	TT	6.174948e+03	IU/ML
##	4535	89	IgG1	TRUE	DT	4.467558e+02	IU/ML
##	4536	89	IgG1	TRUE	AVO	7.334211e+00	IU/ML
##	4537	89	IgG1	TRUE	PD1	3.763930e+00	IU/ML
##	4538	89	IgG2	TRUE	ACT	1.273997e+02	IU/ML
##	4539	89	IgG2	TRUE	LOS	2.531898e+00	IU/ML
##	4540	89	IgG2	TRUE	FELD1	1.000000e-01	IU/ML
##	4541	89	IgG2	TRUE	BETV1	4.687500e-01	IU/ML
##	4542	89	IgG2	TRUE	LOLP1	7.407025e-01	IU/ML
##	4543	89	IgG2	TRUE	Measles	7.123997e-01	IU/ML
##	4544	89	IgG2	TRUE	PTM	4.949495e-01	IU/ML
##	4545	89	IgG2	TRUE	1% PFA PT	1.950373e+00	IU/ML
##	4546	89	IgG2	TRUE	PRN	3.139079e+01	IU/ML
##	4547	89	IgG2	TRUE	FHA	1.251270e+02	IU/ML
##	4548	89	IgG2	TRUE	FIM2/3	3.627632e+01	IU/ML
##	4549	89	IgG2	TRUE	TT	3.610390e+00	IU/ML
	4550	89	IgG2	TRUE		5.503158e+02	
##	4551	89	IgG2	TRUE		1.524435e+00	
##	4552	89	IgG2	TRUE	PD1	3.186688e+00	IU/ML
##	4553	89	IgG3	TRUE	ACT	1.029181e+01	IU/ML
##	4554	89	IgG3	TRUE	LOS	9.378342e+00	IU/ML
	4555	89	IgG3	TRUE		4.025826e+00	
	4556	89	IgG3	TRUE		1.472727e+00	
	4557	89	IgG3	TRUE		8.930481e-01	
	4558	89	IgG3	TRUE		2.208498e+00	
	4559	89	IgG3	TRUE		8.006776e-01	
	4560	89	IgG3			1.214841e+00	
	4561	89	IgG3	TRUE		8.909507e+01	
	4562	89	IgG3	TRUE		6.337586e+01	
	4563	89	IgG3	TRUE		3.280544e+00	
	4564	89	IgG3	TRUE		9.415584e-01	
	4565	89	IgG3	TRUE		2.403040e+01	
	4566	89	IgG3	TRUE		1.767380e+00	
11 11	-500		-040	11001	OVA	, 5, 5556, 60	/.111

	4567	89	IgG3	TRUE		2.784689e+00	
	4568	89	IgG4	TRUE		1.569142e+00	
	4569	89	IgG4	TRUE		4.471787e+00	•
	4570	89	IgG4	TRUE		6.632867e+00	•
	4571	89	IgG4	TRUE		4.518717e-01	
	4572	89	IgG4	TRUE		1.300699e+01	
##	4573	89	IgG4	TRUE	Measles	4.594595e-01	IU/ML
	4574	89	IgG4	TRUE	PTM	2.120564e+00	IU/ML
##	4575	89	IgG4	TRUE	1% PFA PT	3.250418e+00	IU/ML
##	4576	89	IgG4	TRUE	PRN	6.155338e+01	IU/ML
##	4577	89	IgG4	TRUE	FHA	8.195943e+01	IU/ML
##	4578	89	IgG4	TRUE	FIM2/3	2.416765e+00	IU/ML
	4579	89	IgG4	TRUE	TT	3.661750e+02	IU/ML
##	4580	89	IgG4	TRUE	DT	1.572264e+02	IU/ML
##	4581	89	IgG4	TRUE	OVA	1.146980e+03	IU/ML
##	4582	89	IgG4	TRUE	PD1	1.886869e+00	IU/ML
##	4583	90	IgE	FALSE	Total	3.941072e+03	UG/ML
##	4584	90	IgE	FALSE	Total	9.616215e+03	IU/ML
##	4585	90	IgG	TRUE	PT	5.337719e+02	IU/ML
##	4586	90	IgG	TRUE	PRN	1.238873e+03	IU/ML
##	4587	90	IgG	TRUE	FHA	1.081146e+03	IU/ML
##	4588	90	IgE	TRUE	ACT	4.736364e-01	IU/ML
##	4589	90	IgE	TRUE	LOS	7.287879e+00	IU/ML
##	4590	90	IgE	TRUE	FELD1	1.381515e+01	IU/ML
##	4591	90	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	4592	90	IgE	TRUE	LOLP1	1.587056e+03	IU/ML
##	4593	90	IgE	TRUE	Measles	1.000000e-01	IU/ML
##	4594	90	IgE	TRUE	PTM	9.638319e-01	IU/ML
##	4595	90	IgE	TRUE	1% PFA PT	7.037480e-01	IU/ML
##	4596	90	IgE	TRUE	PRN	4.948864e-01	IU/ML
##	4597	90	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	4598	90	IgE	TRUE	FIM2/3	3.494318e+00	IU/ML
##	4599	90	IgE	TRUE	TT	1.000000e-01	IU/ML
##	4600	90	IgE	TRUE	DT	7.363077e-01	IU/ML
##	4601	90	IgE	TRUE	OVA	5.054604e-01	IU/ML
##	4602	90	IgG1	TRUE	ACT	7.615387e+02	IU/ML
##	4603	90	IgG1	TRUE	LOS	1.415584e+01	IU/ML
##	4604	90	IgG1	TRUE	FELD1	7.281330e+00	IU/ML
##	4605	90	IgG1	TRUE	BETV1	3.052980e+00	IU/ML
##	4606	90	IgG1	TRUE	LOLP1	5.745013e+00	IU/ML
##	4607	90	IgG1	TRUE	Measles	2.609522e+01	IU/ML
##	4608	90	IgG1	TRUE	PTM	2.143081e+04	IU/ML
##	4609	90	IgG1	TRUE	1% PFA PT	2.208341e+04	IU/ML
##	4610	90	IgG1	TRUE	PRN	3.119689e+04	IU/ML
##	4611	90	IgG1	TRUE	FHA	3.270257e+04	IU/ML
##	4612	90	IgG1	TRUE	FIM2/3	6.188089e+04	IU/ML
##	4613	90	IgG1	TRUE	TT	2.548272e+04	IU/ML
##	4614	90	IgG1	TRUE	DT	1.964672e+04	IU/ML
##	4615	90	IgG1	TRUE	AVO	1.133071e+01	IU/ML
##	4616	90	IgG1	TRUE	PD1	7.816716e+00	IU/ML
##	4617	90	IgG2	TRUE	ACT	1.245913e+02	IU/ML
##	4618	90	IgG2	TRUE	LOS	1.265949e+00	IU/ML
##	4619	90	IgG2	TRUE	FELD1	1.000000e-01	IU/ML
##	4620	90	IgG2	TRUE	BETV1	7.031250e-01	IU/ML

## 4621 90 IgG2 TRUE LOLP1 9.876033-0-01 I ## 4623 90 IgG2 TRUE PTM 7.424242e+00 I ## 4625 90 IgG2 TRUE IX PFA PT 9.751866e+00 I ## 4626 90 IgG2 TRUE IX PFA PT 9.751866e+00 I ## 4626 90 IgG2 TRUE FIM2, 3.670739e+03 I ## 4628 90 IgG2 TRUE FIM2, 3.670739e+03 I ## 4628 90 IgG2 TRUE DT 7.55668e+01 I ## 4629 90 IgG2 TRUE DT 6.681332e+02 I ## 4631 90 IgG2 TRUE DT 6.681332e+02 I ## 4631 90 IgG2 TRUE DT 6.681332e+02 I ## 4632 90 IgG2 TRUE DT 6.681392e+00 I ## 4633 90 IgG3 TRUE ACT 1.139450e+01 I ## 4634 90 IgG3 TRUE ACT 1.139450e+01 I ## 4635 90 IgG3 TRUE EDD 1.578512e+00 I ## 4636 90 IgG3 TRUE ELD1 3.578512e+00 I ## 4637 90 IgG3 TRUE DLD1 1.000000e-01 I ## 4638 90 IgG3 TRUE DLD1 1.000000e-01 I ## 4639 90 IgG3 TRUE DLD1 1.000000e-01 I ## 4639 90 IgG3 TRUE PRN 3.360636e+02 I ## 4640 90 IgG3 TRUE PRN 3.360636e+02 I ## 4641 90 IgG3 TRUE PRN 3.360636e+02 I ## 4642 90 IgG3 TRUE PRN 3.360636e+02 I ## 4644 90 IgG3 TRUE PRN 3.360636e+02 I ## 4645 90 IgG3 TRUE PRN 3.360636e+02 I ## 4646 90 IgG3 TRUE PRN 3.360636e+02 I ## 4647 90 IgG3 TRUE PRN 3.360636e+02 I ## 4648 90 IgG3 TRUE PRN 3.360636e+02 I ## 4649 90 IgG3 TRUE PRN 3.360636e+02 I ## 4640 90 IgG3 TRUE PRN 3.360636e+02 I ## 4641 90 IgG3 TRUE PRN 3.360636e+02 I ## 4645 90 IgG3 TRUE PRN 3.360636e+02 I ## 4646 90 IgG3 TRUE PRN 3.360636e+02 I ## 4647 90 IgG4 TRUE PRN 3.360636e+00 I ## 4648 90 IgG3 TRUE DRN 3.360636e+00 I ## 4650 90 IgG4 TRUE PRN 3.360636e+00 I ## 4651 90 IgG4 TRUE PRN 3.360636e+00 I ## 4652 90 IgG4 TRUE PRN 3.360636e+00 I ## 4653 90 IgG4 TRUE PRN 3.360636e+00 I ## 4656 90 IgG4 TRUE PRN 3.360636e+00 I ## 4656 90 IgG4 TRUE PRN 3.360636e+00 I ## 4666 91 IgG TRUE PRN 3.00000e+01 I ## 4667 91 IgE TRUE EETV1 5.74621e-01 I ## 4669 91 IgE TRUE DRN 1.145546e+03 I ## 4669 91 IgE TRUE PRN 3.30807e-01 I ## 4669 91 IgE TRUE PRN 3.30807e-01 I ## 4660 91 IgE TRUE PRN 3.445546e+01 I ## 4660 91 IgE TRUE PRN 3.308087e-01 I ## 4660 91 IgE TRUE PRN 3.445546e+01 I								
## 4623 90 IgG2 TRUE PTM 7.424242+00 I ## 4625 90 IgG2 TRUE PRN 9.45668+00 I ## 4625 90 IgG2 TRUE PRN 9.45668+00 I ## 4626 90 IgG2 TRUE PRN 9.466822+01 I ## 4627 90 IgG2 TRUE FHA 1.584638+02 I ## 4628 90 IgG2 TRUE TT 7.536688+01 I ## 4628 90 IgG2 TRUE DT 6.661392+02 I ## 4629 90 IgG2 TRUE DT 6.661392+02 I ## 4631 90 IgG2 TRUE PD1 2.206169+00 I ## 4631 90 IgG2 TRUE PD1 2.206169+00 I ## 4632 90 IgG3 TRUE PD1 2.206169+00 I ## 4633 90 IgG3 TRUE DS 1.467914+01 I ## 4635 90 IgG3 TRUE ELDS 1.467914+01 I ## 4636 90 IgG3 TRUE ELDS 1.467914+01 I ## 4637 90 IgG3 TRUE ELDS 1.467914+01 I ## 4638 90 IgG3 TRUE ELDS 1.467914+01 I ## 4638 90 IgG3 TRUE PRN 3.30636+02 I ## 4639 90 IgG3 TRUE PRN 3.30636+02 I ## 4640 90 IgG3 TRUE PRN 3.30636+02 I ## 4640 90 IgG3 TRUE FRN 1.688735+02 I ## 4644 90 IgG3 TRUE FRN 1.688735+02 I I ## 4644 90 IgG3 TRUE FRN 1.688735+02 I I ## 4644 90 IgG3 TRUE FRN 3.30636+02 I ## 4645 90 IgG3 TRUE FRN 3.30636+02 I ## 4646 90 IgG3 TRUE DT 1.225551+02 I ## 4646 90 IgG3 TRUE DT 1.22551+00 I I ## 4646 90 IgG3 TRUE DT 1.22551+00 I I R# 4646 90 IgG3 TRUE DT 1.22551+00 I I R# 4646 90 IgG3 TRUE DT 1.22551+00 I I R# 4646 90 IgG3 TRUE DT 1.22551+00 I I R# 4646 90 IgG3 TRUE DT 1.22551+00 I I R# 4646 90 IgG3 TRUE DT 1.22551+00 I I R# 4646 90 IgG3 TRUE DT 1.22551+00 I I R# 4646 90 IgG3 TRUE DT 1.22551+00 I I R# 4646 90 IgG3 TRUE DT 1.22551+00 I I R# 4646 90 IgG3 TRUE DT 1.22551+00 I I R# 4651 90 IgG4 TRUE DT 1.30699+01 I I R# 4651 90 IgG4 TRUE DT 1.30699+01 I I I R# 4651 90 IgG4 TRUE DT 1.30699+01 I I I R# 4651 90 I I I I I I I I I I I I I I I I I I								•
## 4624 90 IgG2 TRUE 1% PFA PT 9.751866e+00 I ## 4625 90 IgG2 TRUE PRN 9.486483e+02 I ## 4626 90 IgG2 TRUE FFA 1.584638e+02 I ## 4627 90 IgG2 TRUE FFA 1.584638e+02 I ## 4628 90 IgG2 TRUE TT 7.536688e+01 I ## 4629 90 IgG2 TRUE TT 7.53668e+00 I ## 4630 90 IgG2 TRUE DT 6.681392e+02 I ## 4631 90 IgG2 TRUE DT 6.681392e+02 I ## 4633 90 IgG2 TRUE PD1 2.206169e+00 I ## 4633 90 IgG3 TRUE PD1 2.206169e+00 I ## 4634 90 IgG3 TRUE LOS 1.467914e+01 I ## 4635 90 IgG3 TRUE EBTV1 9.818182e-01 I ## 4636 90 IgG3 TRUE BETV1 9.818182e-01 I ## 4636 90 IgG3 TRUE BETV1 9.818182e-01 I ## 4638 90 IgG3 TRUE LOLPI 1.00000e-01 I ## 4639 90 IgG3 TRUE Measles 3.091897e+00 I ## 4639 90 IgG3 TRUE PRN 2.384628e+01 I ## 4640 90 IgG3 TRUE PRN 3.360636e+02 I ## 4641 90 IgG3 TRUE PRN 3.360636e+02 I ## 4642 90 IgG3 TRUE PRN 3.360636e+02 I ## 4644 90 IgG3 TRUE FRA 1.688735e+00 I ## 4644 90 IgG3 TRUE FRA 1.688735e+00 I ## 4645 90 IgG3 TRUE FRA 1.688735e+00 I ## 4646 90 IgG3 TRUE FRA 2.58558e+00 I ## 4646 90 IgG4 TRUE FRA 2.58558e+00 I ## 4650 90 IgG4 TRUE FRA 2.58558e+00 I ## 4660 90 IgG4 TRUE FRA 2.58558e+00 I ## 4666 91 IgG TRUE FRA 2.58558e+00 I ## 4666 91 IgG				_				
## 4625 90 IgG2 TRUE PRN 9.486482e+01 I ## 4626 90 IgG2 TRUE FHA 1.584638e+02 I ## 4627 90 IgG2 TRUE FIN2/3 3.670739e+03 I ## 4628 90 IgG2 TRUE DT 6.681392e+02 I ## 4629 90 IgG2 TRUE DT 6.681392e+02 I ## 4630 90 IgG2 TRUE DT 6.681392e+02 I ## 4631 90 IgG2 TRUE DT 6.681392e+02 I ## 4631 90 IgG2 TRUE PD1 2.206169e+00 I ## 4633 90 IgG3 TRUE PD1 2.206169e+00 I ## 4633 90 IgG3 TRUE LOS 1.467914e+01 I ## 4635 90 IgG3 TRUE ED5 1.3578512e+00 I ## 4635 90 IgG3 TRUE ED5 1.3578512e+00 I ## 4635 90 IgG3 TRUE ED5 1.467914e+01 I ## 4636 90 IgG3 TRUE ED5 1.467914e+01 I ## 4638 90 IgG3 TRUE ED5 1.467914e+01 I ## 4638 90 IgG3 TRUE DLP1 1.00000e+01 I ## 4638 90 IgG3 TRUE PPN 2.602202e+01 I ## 4638 90 IgG3 TRUE PPN 2.602202e+01 I ## 4640 90 IgG3 TRUE PPN 3.360636e+02 I ## 4641 90 IgG3 TRUE PPN 3.360636e+02 I ## 4642 90 IgG3 TRUE PRN 3.360636e+02 I ## 4643 90 IgG3 TRUE PRN 3.360636e+02 I ## 4644 90 IgG3 TRUE PPN 2.602202e+01 I ## 4644 90 IgG3 TRUE D1 1.225551e+00 I ## 4645 90 IgG3 TRUE D1 1.225551e+00 I ## 4646 90 IgG4 TRUE DN 1.25551e+00 I ## 4650 90 IgG4 TRUE DN 1.25551e+00 I ## 4650 90 IgG4 TRUE PN 3.578452e+00 I ## 4666 91 IgG4 TRUE PN 3.578452e+00 I ## 4666 91 IgG TRUE PN 3.578452e+00 I ## 4666 91 IgG TRUE PN 3.578452e+00 I ## 4666 91 IgG TRUE PN 9.920211e+02 I ##				_				
## 4626 90 IgC2 TRUE FHA 1.584638e+02 I ## 4627 90 IgC2 TRUE TT 7.3670739e+03 I ## 4628 90 IgC2 TRUE TT 7.536688e+01 I ## 4629 90 IgC2 TRUE DT 6.681392e+02 I ## 4630 90 IgC2 TRUE DT 6.681392e+02 I ## 4631 90 IgC2 TRUE DT 6.681392e+02 I ## 4631 90 IgC2 TRUE P11 2.206169e+00 I ## 4632 90 IgC3 TRUE ACT 1.139450e+01 I ## 4633 90 IgC3 TRUE ACT 1.139450e+01 I ## 4634 90 IgC3 TRUE ELD1 3.578512e+00 I ## 4635 90 IgC3 TRUE EETV1 9.818182e-01 I ## 4636 90 IgC3 TRUE EETV1 9.818182e-01 I ## 4637 90 IgC3 TRUE EETV1 9.818182e-01 I ## 4638 90 IgC3 TRUE BETV1 9.818182e-01 I ## 4638 90 IgC3 TRUE PPM 2.602202e+01 I ## 4639 90 IgC3 TRUE PPM 2.602202e+01 I ## 4640 90 IgC3 TRUE PPM 3.360636e+02 I ## 4641 90 IgC3 TRUE FPM 3.360636e+02 I ## 4642 90 IgC3 TRUE FPM 3.360636e+02 I ## 4644 90 IgC3 TRUE FPM 3.360636e+02 I ## 4644 90 IgC3 TRUE FPM 3.360636e+02 I ## 4644 90 IgC3 TRUE FPM 3.360636e+02 I ## 4645 90 IgC3 TRUE FPM 3.360636e+02 I ## 4646 90 IgC3 TRUE FPM 3.360636e+00 I ## 4647 90 IgC3 TRUE DT 1.225551e+00 I ## 4648 90 IgC3 TRUE DT 1.225551e+00 I ## 4648 90 IgC4 TRUE DVA 1.325535e+00 I I ## 4649 90 IgC4 TRUE ELD1 7.106643e+00 I ## 4650 90 IgC4 TRUE EETV1 4.518717e-01 I ## 4650 90 IgC4 TRUE EETV1 4.518717e-01 I ## 4650 90 IgC4 TRUE EETV1 4.518717e-01 I ## 4651 90 IgC4 TRUE ETV1 7.30699e+01 I ## 4655 90 IgC4 TRUE ETV1 7.30699e+01 I ## 4656 90 IgC4 TRUE PPM 3.37835e+00 I ## 4665 90 IgC4 TRUE FPM 3.37835e+00 I ## 4665 90 IgC4 TRUE ETV1 7.331113e-03 I ## 4666 91 IgC TRUE PPM 3.37835e+00 I ## 4666 91 IgC TRUE PPM 3.38435e+00 I ## 4666 91 IgC TRUE PPM 3.383517e-02 I ## 4666 91 IgC TRUE PPM 3.383517e-02 I ## 4666 91 IgC TRUE PPM 3.383517e-02 I ## 4666 91 IgC TRUE PPM 3.990502e+01 I ## 4666 91 IgC TRUE PPM 3.990502e+01 I ## 4666 91 IgC TRUE PPM 3.990502e+01 I ## 4666 91 IgC TRUE PPM 3.994546e+00 I ## 4666 91 I				_	TRUE	1% PFA PT	9.751866e+00	IU/ML
## 4627 90 IgC2 TRUE FIM2/3 3.670739+03 I ## 4628 90 IgC2 TRUE TT 7.536688+01 I ## 4629 90 IgC2 TRUE DT 6.681392+00 I ## 4630 90 IgC2 TRUE DT 6.681392+00 I ## 4631 90 IgC2 TRUE PD 1 2.206169+00 I ## 4631 90 IgC3 TRUE PD 1 2.206169+00 I ## 4633 90 IgC3 TRUE ACT 1.139450+01 I ## 4634 90 IgC3 TRUE LOS 1.467914+01 I ## 4635 90 IgC3 TRUE EETU1 9.818182+00 I ## 4635 90 IgC3 TRUE EETU1 9.818182+00 I ## 4637 90 IgC3 TRUE BETU1 9.818182+00 I ## 4638 90 IgC3 TRUE BETU1 9.818182+00 I ## 4639 90 IgC3 TRUE PPM 2.602022+01 I ## 4640 90 IgC3 TRUE PPM 2.60202+01 I ## 4641 90 IgC3 TRUE PPM 2.60202+01 I ## 4641 90 IgC3 TRUE PPM 2.60202+01 I ## 4644 90 IgC3 TRUE FHA 1.688735+02 I ## 4644 90 IgC3 TRUE FHA 1.688735+02 I ## 4644 90 IgC3 TRUE FHA 1.688735+00 I ## 4645 90 IgC3 TRUE PPM 2.25551+00 I ## 4646 90 IgC3 TRUE FHA 1.688735+00 I ## 4644 90 IgC3 TRUE PPM 2.320574+00 I ## 4645 90 IgC3 TRUE FHA 1.688735+00 I ## 4646 90 IgC3 TRUE DY 1.225551+00 I ## 4646 90 IgC3 TRUE DY 1.230574+00 I ## 4647 90 IgC4 TRUE LOS 3.478056+00 I ## 4648 90 IgC4 TRUE ELS 3.478056+00 I ## 4650 90 IgC4 TRUE ELS 3.478056+00 I I ## 4650 90 IgC4 TRUE ELS 3.478056+00 I I I I I I I I I I I I I I I I I I				_		PRN	9.486482e+01	IU/ML
## 4628 90 IgG2 TRUE TT 7.536688e+01 I ## 4629 90 IgG2 TRUE DT 6.681392e+02 I ## 4630 90 IgG2 TRUE DT 6.681392e+02 I ## 4631 90 IgG2 TRUE DY 5.681450e+01 I ## 4631 90 IgG3 TRUE ACT 1.139450e+01 I ## 4633 90 IgG3 TRUE LOS 1.467914e+01 I ## 4634 90 IgG3 TRUE LOS 1.467914e+01 I ## 4635 90 IgG3 TRUE ELD1 3.578512e+00 I ## 4635 90 IgG3 TRUE EBTV1 9.818182e-01 I ## 4636 90 IgG3 TRUE BETV1 9.818182e-01 I ## 4636 90 IgG3 TRUE BETV1 9.818182e-01 I ## 4638 90 IgG3 TRUE Measles 3.091897e+00 I ## 4638 90 IgG3 TRUE PTM 2.602202e+01 I ## 4638 90 IgG3 TRUE PTM 2.602202e+01 I ## 4639 90 IgG3 TRUE PTM 3.606280e+02 I ## 4640 90 IgG3 TRUE PTM 3.360636e+02 I ## 4641 90 IgG3 TRUE FHA 1.688735e+02 I ## 4642 90 IgG3 TRUE FHA 1.688735e+02 I ## 4644 90 IgG3 TRUE FM 3.360636e+02 I ## 4644 90 IgG3 TRUE DT 1.225551e+02 I ## 4646 90 IgG3 TRUE DT 1.225551e+02 I ## 4646 90 IgG3 TRUE DT 1.225551e+02 I ## 4646 90 IgG3 TRUE DT 1.225551e+00 I ## 4647 90 IgG3 TRUE DT 1.225551e+00 I ## 4648 90 IgG3 TRUE DT 1.225551e+00 I ## 4649 90 IgG3 TRUE DT 1.225551e+00 I ## 4649 90 IgG3 TRUE DT 1.320574e+00 I ## 4649 90 IgG4 TRUE DT 1.320574e+00 I ## 4650 90 IgG4 TRUE DE LOS 3.478056e+00 I ## 4651 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4652 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4651 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4652 90 IgG4 TRUE DI 1.300699e+01 I ## 4651 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4656 90 IgG4 TRUE DI 1.300699e+01 I ## 4666 91 IgG4 TRUE DI 1.300699e+01 I I I I I I I I I I I I I I I I I I I	##	4626		_	TRUE	FHA	1.584638e+02	IU/ML
## 4629 90 IgC2 TRUE DT 6.681392e+02 I ## 4630 90 IgC2 TRUE DY 5.081450e+01 I ## 4631 90 IgC2 TRUE P11 2.206169e+00 I ## 4632 90 IgC3 TRUE ACT 1.139450e+01 I ## 4633 90 IgC3 TRUE LOS 1.467914e+01 I ## 4634 90 IgC3 TRUE ELD1 3.578512e+00 I ## 4635 90 IgC3 TRUE ELD1 3.578512e+00 I ## 4636 90 IgC3 TRUE BETV1 9.818182e-01 I ## 4636 90 IgC3 TRUE BETV1 9.818182e-01 I ## 4638 90 IgC3 TRUE BETV1 9.801897e+00 I ## 4638 90 IgC3 TRUE PTM 2.602202e+01 I ## 4638 90 IgC3 TRUE PTM 2.602202e+01 I ## 4639 90 IgC3 TRUE PTM 2.602202e+01 I ## 4640 90 IgC3 TRUE FHA 1.688735e+02 I ## 4641 90 IgC3 TRUE FHA 1.688735e+02 I ## 4642 90 IgC3 TRUE FHA 1.688735e+02 I ## 4644 90 IgC3 TRUE FHA 1.688735e+02 I ## 4644 90 IgC3 TRUE DT 1.225551e+02 I ## 4644 90 IgC3 TRUE DT 1.225551e+02 I ## 4646 90 IgC3 TRUE DT 1.225551e+02 I ## 4646 90 IgC3 TRUE DT 1.225551e+02 I ## 4646 90 IgC3 TRUE DT 1.225551e+00 I ## 4647 90 IgC4 TRUE ACT 5.230474e+00 I ## 4648 90 IgC4 TRUE BOYA 1.32535e+00 I ## 4649 90 IgC4 TRUE BOYA 1.32535e+00 I ## 4649 90 IgC4 TRUE BOYA 1.32535e+00 I ## 4649 90 IgC4 TRUE BOYA 1.32535e+00 I ## 4650 90 IgC4 TRUE BOYA 1.33538e+00 I ## 4650 90 IgC4 TRUE BOYA 1.30699e+01 I ## 4650 90 IgC4 TRUE BOYA 1.38538e+00 I ## 4650 90 IgC4 TRUE BOYA 1.3857852e+00 I ## 4650 90 IgC4 TRUE BOYA 1.3857852e+00 I ## 4650 90 IgC4 TRUE BOYA 1.3857852e+00 I ## 4650 90 IgC4 TRUE FOYA 1.3857852e+00 I ## 4660 90 IgC4 TRUE FOYA 1.3857852e+00 I ## 4660 90 IgC4 TRUE FOYA 1.3857852e+00 I ## 4660 90 IgC4 TRUE FOYA 1.3857862e+00 I ## 4660 90 IgC4 TRUE FOYA 1.3857862e+00 I ## 4660 91 IgC TRUE FOYA 1.3857862e+00 I ## 4660 91 IgC TRUE FOYA 1.3857860e+00 I ## 4660 91 IgC TRUE FOYA 1.3857860e+00 I ## 4660 91 IgC	##	4627	90	IgG2	TRUE	FIM2/3	3.670739e+03	IU/ML
## 4630	##	4628	90	IgG2	TRUE	TT	7.536688e+01	IU/ML
## 4631	##	4629	90	IgG2	TRUE	DT	6.681392e+02	IU/ML
## 4632	##	4630	90	IgG2	TRUE	AVO	5.081450e-01	IU/ML
## 4633	##	4631	90	IgG2	TRUE	PD1	2.206169e+00	IU/ML
## 4634 90	##	4632	90	IgG3	TRUE	ACT	1.139450e+01	IU/ML
## 4635 90	##	4633	90	IgG3	TRUE	LOS	1.467914e+01	IU/ML
## 4636	##	4634	90	IgG3	TRUE	FELD1	3.578512e+00	IU/ML
## 4637	##	4635	90	IgG3	TRUE	BETV1	9.818182e-01	IU/ML
## 4638	##	4636	90	IgG3	TRUE	LOLP1	1.000000e-01	IU/ML
## 4639	##	4637	90	IgG3	TRUE	Measles	3.091897e+00	IU/ML
## 4639	##	4638	90	_	TRUE	PTM	2.602202e+01	IU/ML
## 4640 90 IgG3 TRUE PRN 3.360636e+02 I ## 4641 90 IgG3 TRUE FHA 1.688735e+02 II ## 4642 90 IgG3 TRUE FIM2/3 1.127049e+03 I ## 4643 90 IgG3 TRUE TT 5.781169e+01 I ## 4644 90 IgG3 TRUE DT 1.225551e+02 I ## 4645 90 IgG3 TRUE DT 1.225551e+02 I ## 4646 90 IgG3 TRUE DT 1.225551e+02 I ## 4646 90 IgG3 TRUE PD1 2.320574e+00 I ## 4647 90 IgG4 TRUE ACT 5.230474e+00 I ## 4648 90 IgG4 TRUE LOS 3.478056e+00 I ## 4649 90 IgG4 TRUE ELD1 7.106643e+00 I ## 4650 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4651 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4651 90 IgG4 TRUE Measles 1.837838e+00 I ## 4652 90 IgG4 TRUE Measles 1.837838e+00 I ## 4654 90 IgG4 TRUE PTM 3.578452e+01 I ## 4655 90 IgG4 TRUE PTM 3.578452e+01 I ## 4656 90 IgG4 TRUE PTM 3.691291e+02 I ## 4656 90 IgG4 TRUE FIM2/3 8.691291e+02 I ## 4658 90 IgG4 TRUE PTM 3.691291e+02 I ## 4658 90 IgG4 TRUE FIM2/3 8.691291e+02 I ## 4659 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 90 IgG4 TRUE DT 4.104554e+03 I ## 4661 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 91 IgG4 TRUE DT 4.104554e+03 I ## 4660 91 IgG4 TRUE DT 4.104554e+03 I ## 4661 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 91 IgG TRUE PD 9.434343e-01 I ## 4660 91 IgE FALSE Total 7.178850e+03 I ## 4660 91 IgE FALSE Total 7.178850e+03 I ## 4660 91 IgE TRUE PRM 9.920211e+02 I ## 4666 91 IgG TRUE PRM 9.920211e+02 I ## 4666 91 IgE TRUE ACT 4.736364e-01 I ## 4660 91 IgE TRUE DETY 4.145139e+02 I ## 4660 91 IgE TRUE DETY 4.145139e+02 I ## 4660 91 IgE TRUE ELDI 1.434650e+01 I ## 4660 91 IgE TRUE ELDI 1.434650e+01 I ## 4660 91 IgE TRUE ELDI 1.507717e+03 I ## 4670 91 IgE TRUE ELDI 1.507717e+03 I ## 4671 91 IgE TRUE ELDI 1.507717e+03 I ## 4672 91 IgE TRUE ELDI 1.5077717e+03 I ## 4673 91 IgE TRUE ELDI 1.5077717e+03 I ## 4673 91 IgE TRUE ELDI 1.445748e+00 I	##	4639	90		TRUE	1% PFA PT	2.834628e+01	IU/ML
## 4641 90 IgG3 TRUE FHA 1.688735e+02 I ## 4642 90 IgG3 TRUE FIM2/3 1.127049e+03 I ## 4643 90 IgG3 TRUE TT 5.781169e+01 I ## 4644 90 IgG3 TRUE DT 1.225551e+02 I ## 4645 90 IgG3 TRUE DT 1.225551e+02 I ## 4646 90 IgG3 TRUE DY 1.325535e+00 I ## 4646 90 IgG3 TRUE DY 1.325535e+00 I ## 4647 90 IgG4 TRUE ACT 5.230474e+00 I ## 4648 90 IgG4 TRUE LOS 3.478056e+00 I ## 4649 90 IgG4 TRUE EBETV1 4.518717e-01 I ## 4650 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4651 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4652 90 IgG4 TRUE DLD1 1.300699e+01 I ## 4653 90 IgG4 TRUE PTM 3.578452e+01 I ## 4655 90 IgG4 TRUE PTM 3.578452e+01 I ## 4655 90 IgG4 TRUE PTM 3.033517e+02 I ## 4656 90 IgG4 TRUE PTM 3.390502e+01 I ## 4656 90 IgG4 TRUE PRN 3.033517e+02 I ## 4657 90 IgG4 TRUE FIHA 1.801429e+02 I ## 4659 90 IgG4 TRUE PTM 3.311113e+03 I ## 4669 90 IgG4 TRUE PTM 3.311113e+03 I ## 4669 90 IgG4 TRUE PTM 3.31113e+03 I ## 4660 90 IgG4 TRUE PTM 9.434343e-01 I ## 4660 90 IgG4 TRUE PTM 9.434343e-01 I ## 4660 90 IgG4 TRUE PTM 9.434343e-01 I ## 4660 91 IgG4 TRUE PTM 9.434343e-01 I ## 4660 91 IgG4 TRUE PTM 9.434343e-01 I ## 4660 91 IgG TRUE PTM 9.434343e-01 I ## 4660 91 I IgE TRUE PTM 9.434343e-01 I ## 4660 91 I IgE TRUE PTM 9.434343e-01 I ## 4660 91 I IgE TRUE PTM 9.434343e-01 I ## 4660 91 I IgE TRUE PTM 9.434343e-01 I ## 4660 91 I IgE TRUE PTM 9.434343e-01 I ## 4660 91 I IgE TRUE PTM 9.434343e-01 I ## 4660 91 I IgE TRUE PTM 9.434343e-01 I ## 4660 91 I IgE TRUE PTM 9.434343e-01 I ## 4660 91 I IgE TRUE PTM 9.434343e-01 I ## 4660 91 I IgE TRUE PTM 9.434343e-01 I ## 4660 91 I IgE TRUE PTM 9.434343e-01 I ##	##	4640	90		TRUE	PRN	3.360636e+02	IU/ML
## 4642 90 IgG3 TRUE FIM2/3 1.127049e+03 I ## 4643 90 IgG3 TRUE TT 5.781169e+01 I ## 4644 90 IgG3 TRUE DT 1.225551e+02 I ## 4645 90 IgG3 TRUE DT 1.225551e+02 I ## 4646 90 IgG3 TRUE DYA 1.325535e+00 I ## 4646 90 IgG3 TRUE PD1 2.320574e+00 I ## 4647 90 IgG4 TRUE ACT 5.230474e+00 I ## 4648 90 IgG4 TRUE LOS 3.478056e+00 I ## 4649 90 IgG4 TRUE ED17 7.106649e+00 I ## 4650 90 IgG4 TRUE ED17 7.106649e+00 I ## 4651 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4651 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4653 90 IgG4 TRUE PDM 3.578452e+01 I ## 4653 90 IgG4 TRUE PDM 3.578452e+01 I ## 4655 90 IgG4 TRUE PTM 3.578452e+01 I ## 4655 90 IgG4 TRUE PTM 3.033517e+02 I ## 4656 90 IgG4 TRUE FHA 1.801429e+02 I ## 4656 90 IgG4 TRUE PTM 3.033517e+02 I ## 4658 90 IgG4 TRUE FHA 1.801429e+02 I ## 4658 90 IgG4 TRUE PTM 3.311113e+03 I ## 4660 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 90 IgG4 TRUE DP1 9.434343e-01 I ## 4660 91 IgG TRUE PD1 9.434343e-01 I ## 4660 91 IgE TRUE PD1 9.543435e-01 I ## 4660 91 IgE TRUE PD1 9.543435e-00 I ## 4660 91 IgE TRUE PD1 1.434650e-01 I ## 4670 91 IgE TRUE PD1 1.507717e-03 I ## 4670 91 IgE TRUE PD1 1.5077	##	4641	90	_	TRUE	FHA	1.688735e+02	IU/ML
## 4643 90 IgG3 TRUE TT 5.781169e+01 I ## 4644 90 IgG3 TRUE DT 1.225551e+02 I ## 4645 90 IgG3 TRUE DVA 1.325535e+00 I ## 4646 90 IgG3 TRUE DVA 1.325535e+00 I ## 4647 90 IgG4 TRUE ACT 5.230474e+00 I ## 4647 90 IgG4 TRUE LOS 3.478056e+00 I ## 4649 90 IgG4 TRUE LOS 3.478056e+00 I ## 4650 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4651 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4652 90 IgG4 TRUE DLP1 1.300699e+01 I ## 4653 90 IgG4 TRUE PTM 3.578452e+01 I ## 4655 90 IgG4 TRUE PTM 3.578452e+01 I ## 4655 90 IgG4 TRUE PTM 3.033517e+02 I ## 4656 90 IgG4 TRUE PTM 3.033517e+02 I ## 4657 90 IgG4 TRUE PTM 3.033517e+02 I ## 4658 90 IgG4 TRUE FHA 1.801429e+02 I ## 4658 90 IgG4 TRUE PTM 3.311113e+03 I ## 4659 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 90 IgG4 TRUE DT 4.104554e+03 I ## 4661 90 IgG4 TRUE DT 4.104554e+03 I ## 4661 90 IgG4 TRUE DT 4.104554e+03 I ## 4661 90 IgG4 TRUE PD1 9.434343e-01 I ## 4662 91 IgE FALSE Total 2.942152e+03 U ## 4666 91 IgG TRUE PD1 9.434343e-01 I ## 4666 91 IgG TRUE PT 4.145139e+02 I ## 4666 91 IgE TRUE PT 4.145139e+02 I ## 4666 91 IgE TRUE PT 4.145139e+02 I ## 4666 91 IgE TRUE PT 4.145139e+02 I ## 4660 91 IgE TRUE PT 4.145139e+02 I ## 4666 91 IgE TRUE PT 4.145139e+02 I ## 4666 91 IgE TRUE PT 4.145139e+02 I ## 4666 91 IgE TRUE PT 4.145139e+02 I ## 4660 91 IgE TRUE PT 4.15661-01 I ## 4670 91 IgE TRUE PT 4.1507717e+03 I ## 4670 91 IgE TRUE PT 4.1507717e+03 I ## 4670 91 IgE TRUE PT 4.1507717e+03 I ## 4670 91 IgE TRUE PT 4.145748e+00 I ## 4670 91 IgE TRUE	##	4642		_				
## 4644 90 IgG3 TRUE DT 1.225551e+02 I ## 4645 90 IgG3 TRUE OVA 1.325535e+00 I ## 4646 90 IgG3 TRUE PD1 2.320574e+00 I ## 4647 90 IgG4 TRUE ACT 5.230474e+00 I ## 4648 90 IgG4 TRUE LOS 3.478056e+00 I ## 4649 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4651 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4652 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4653 90 IgG4 TRUE PTM 3.578452e+01 I ## 4654 90 IgG4 TRUE PTM 3.578452e+01 I ## 4655 90 IgG4 TRUE PTM 3.578452e+01 I ## 4656 90 IgG4 TRUE PTM 3.578452e+01 I ## 4656 90 IgG4 TRUE PTM 3.578452e+01 I ## 4656 90 IgG4 TRUE PTM 3.003517e+02 I ## 4656 90 IgG4 TRUE FIM2/3 8.691291e+02 I ## 4656 90 IgG4 TRUE FIM2/3 8.691291e+02 I ## 4658 90 IgG4 TRUE FIM2/3 8.691291e+02 I ## 4660 90 IgG4 TRUE DT 4.104554e+03 I ## 4661 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 91 IgG TRUE PD 9.434343e-01 I ## 4660 91 IgG TRUE PR 9.92011e+02 I ## 4660 91 IgE TRUE BETV1 5.274621e-01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE BETV1 5.274621e-01 I ## 4672 91 IgE TRUE BETV1 5.274621e-01 I ## 4673 91 IgE TRUE BETV1 5.274621e-01 I ## 4672 91 IgE TRUE BETV1 5.274621e-01 I ## 4673 91 IgE TRUE PTM 1.445748e+00 I ## 4673 91 IgE TRUE PTM 1.445748e+00 I ## 4673 91 IgE TRUE PTM 1.44574	##	4643		_				
## 4645 90 IgG3 TRUE OVA 1.325535e+00 I ## 4646 90 IgG3 TRUE PD1 2.320574e+00 I ## 4647 90 IgG4 TRUE ACT 5.230474e+00 I ## 4648 90 IgG4 TRUE LOS 3.478056e+00 I ## 4649 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4650 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4651 90 IgG4 TRUE LOLP1 1.300699e+01 I ## 4652 90 IgG4 TRUE Measles 1.837838e+00 I ## 4653 90 IgG4 TRUE PTM 3.578452e+01 I ## 4655 90 IgG4 TRUE PTM 3.578452e+01 I ## 4656 90 IgG4 TRUE PRN 3.003517e+02 I ## 4656 90 IgG4 TRUE FIM2/3 8.691291e+02 I ## 4657 90 IgG4 TRUE FIM2/3 8.691291e+02 I ## 4658 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 90 IgG4 TRUE DT 4.104554e+03 I ## 4661 90 IgG4 TRUE PD1 9.434343e-01 I ## 4662 91 IgE FALSE Total 2.942152e+03 U ## 4663 91 IgG TRUE PR 9.920211e+02 I ## 4666 91 IgE TRUE FALSE Total 7.178850e+03 I ## 4666 91 IgE TRUE PR 9.920211e+02 I ## 4666 91 IgE TRUE PR 9.920211e+02 I ## 4669 91 IgE TRUE FIND 9.920211e+02 I ## 4669 91 IgE TRUE FIND 9.920211e+02 I ## 4669 91 IgE TRUE FELD1 1.434650e+01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE BETV1 5.274621e-01 I ## 4672 91 IgE TRUE LOLP1 1.507717e+03 I ## 4671 91 IgE TRUE LOLP1 1.507717e+03 I ## 4672 91 IgE TRUE LOLP1 1.507717e+03 I ## 4672 91 IgE TRUE LOLP1 1.507717e+03 I				_				
## 4646 90 IgG3 TRUE PD1 2.320574e+00 I ## 4647 90 IgG4 TRUE ACT 5.230474e+00 I ## 4648 90 IgG4 TRUE LOS 3.478056e+00 I ## 4649 90 IgG4 TRUE FELD1 7.106643e+00 I ## 4650 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4651 90 IgG4 TRUE LOLP1 1.300699e+01 I ## 4652 90 IgG4 TRUE Measles 1.837838e+00 I ## 4653 90 IgG4 TRUE PTM 3.578452e+01 I ## 4654 90 IgG4 TRUE PTM 3.578452e+01 I ## 4655 90 IgG4 TRUE PRN 3.003517e+02 I ## 4656 90 IgG4 TRUE FHA 1.801429e+02 I ## 4657 90 IgG4 TRUE FHA 1.801429e+02 I ## 4659 90 IgG4 TRUE TRUE THA 1.801429e+02 I ## 4660 90 IgG4 TRUE DT 4.104554e+03 I ## 4661 90 IgG4 TRUE DT 4.104554e+03 I ## 4662 91 IgE FALSE Total 2.942152e+03 U ## 4663 91 IgE FALSE Total 7.178850e+03 I ## 4666 91 IgG TRUE PRN 9.920211e+02 I ## 4666 91 IgG TRUE PRN 9.920211e+02 I ## 4668 91 IgE TRUE PRN 9.920211e+02 I ## 4669 91 IgE TRUE DT 4.145139e+02 I ## 4669 91 IgE TRUE PRN 9.920211e+02 I ## 4669 91 IgE TRUE DT 4.145139e+02 I ## 4669 91 IgE TRUE PRN 9.920211e+02 I ## 4669 91 IgE TRUE BETV1 5.274621e-01 I ## 4660 91 IgE TRUE BETV1 5.274621e-01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE BETV1 5.274621e-01 I ## 4672 91 IgE TRUE BETV1 5.274621e-01 I ## 4672 91 IgE TRUE BETV1 5.274621e-01 I				_				
## 4647 90 IgG4 TRUE ACT 5.230474e+00 If ## 4648 90 IgG4 TRUE LOS 3.478056e+00 If ## 4649 90 IgG4 TRUE FELD1 7.106643e+00 If ## 4650 90 IgG4 TRUE BETV1 4.518717e-01 If ## 4651 90 IgG4 TRUE Measles 1.837838e+00 If ## 4652 90 IgG4 TRUE Measles 1.837838e+00 If ## 4653 90 IgG4 TRUE PTM 3.578452e+01 If ## 4654 90 IgG4 TRUE PTM 3.578452e+01 If ## 4655 90 IgG4 TRUE PTM 3.033517e+02 If ## 4656 90 IgG4 TRUE PRN 3.033517e+02 If ## 4656 90 IgG4 TRUE PRN 3.033517e+02 If ## 4657 90 IgG4 TRUE FHA 1.801429e+02 If ## 4658 90 IgG4 TRUE FHA 1.801429e+02 If ## 4659 90 IgG4 TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE				_				
## 4648 90 IgG4 TRUE LOS 3.478056e+00 I ## 4649 90 IgG4 TRUE FELD1 7.106643e+00 I ## 4650 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4651 90 IgG4 TRUE LOLP1 1.300699e+01 I ## 4652 90 IgG4 TRUE PTM 3.578452e+01 I ## 4653 90 IgG4 TRUE IV, PFA PT 3.000502e+01 I ## 4655 90 IgG4 TRUE PRN 3.033517e+02 I ## 4656 90 IgG4 TRUE FHA 1.801429e+02 I ## 4657 90 IgG4 TRUE FIM2/3 8.691291e+02 I ## 4658 90 IgG4 TRUE FIM2/3 8.691291e+02 I ## 4659 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 90 IgG4 TRUE DT 4.104554e+03 I ## 4661 90 IgG4 TRUE DT 4.104554e+03 I ## 4662 91 IgE FALSE Total 2.942152e+03 I ## 4664 91 IgG TRUE PT 4.145139e+02 I ## 4666 91 IgG TRUE PT 4.145139e+02 I ## 4667 91 IgE TRUE ACT 4.736364e+03 I ## 4669 91 IgE TRUE DO 7.848485e+00 I ## 4669 91 IgE TRUE BETV1 5.274621e-01 I ## 4669 91 IgE TRUE BETV1 5.274621e-01 I ## 4660 91 IgE TRUE BETV1 5.274621e-01 I ## 4661 91 IgE TRUE BETV1 5.274621e-01 I ## 4669 91 IgE TRUE BETV1 5.274621e-01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE BETV1 5.274621e-01 I ## 4672 91 IgE TRUE Measles 2.389807e-01 I ## 4672 91 IgE TRUE Measles 2.389807e-01 I								•
## 4649 90 IgG4 TRUE FELD1 7.106643e+00 I ## 4650 90 IgG4 TRUE BETV1 4.518717e-01 I ## 4651 90 IgG4 TRUE LOLP1 1.300699e+01 I ## 4652 90 IgG4 TRUE PTM 3.578452e+01 I ## 4653 90 IgG4 TRUE PTM 3.578452e+01 I ## 4655 90 IgG4 TRUE PRN 3.003517e+02 I ## 4656 90 IgG4 TRUE FHA 1.801429e+02 I ## 4657 90 IgG4 TRUE FIM2/3 8.691291e+02 I ## 4658 90 IgG4 TRUE TT 3.311113e+03 I ## 4659 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 90 IgG4 TRUE DT 4.104554e+03 I ## 4661 90 IgG4 TRUE DT 4.104554e+03 I ## 4662 91 IgE FALSE Total 2.942152e+03 U ## 4663 91 IgE FALSE Total 7.178850e+03 I ## 4666 91 IgG TRUE PT 4.145139e+02 I ## 4666 91 IgG TRUE PT 4.145139e+02 I ## 4666 91 IgG TRUE PT 4.145139e+02 I ## 4666 91 IgG TRUE FRN 9.920211e+02 I ## 4668 91 IgE TRUE FRUE CON 7.848485e+00 I ## 4669 91 IgE TRUE BETV1 5.274621e-01 I ## 4669 91 IgE TRUE BETV1 5.274621e-01 I ## 4660 91 IgE TRUE BETV1 5.274621e-01 I ## 4661 91 IgE TRUE BETV1 5.274621e-01 I ## 4669 91 IgE TRUE BETV1 5.274621e-01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE BETV1 5.274621e-01 I ## 4672 91 IgE TRUE Measles 2.389807e-01 I ## 4673 91 IgE TRUE Measles 2.389807e-01 I				_				
## 4650 90 IgG4 TRUE BETV1 4.518717e-01 II ## 4651 90 IgG4 TRUE LOLP1 1.300699e+01 II ## 4652 90 IgG4 TRUE Measles 1.837838e+00 II ## 4653 90 IgG4 TRUE PTM 3.578452e+01 II ## 4654 90 IgG4 TRUE PRN 3.030502e+01 II ## 4655 90 IgG4 TRUE PRN 3.033517e+02 II ## 4656 90 IgG4 TRUE FHA 1.801429e+02 II ## 4657 90 IgG4 TRUE FHA 1.801429e+02 II ## 4658 90 IgG4 TRUE FIM2/3 8.691291e+02 II ## 4659 90 IgG4 TRUE TRUE TT 3.311113e+03 II ## 4660 90 IgG4 TRUE DT 4.104554e+03 II ## 4661 90 IgG4 TRUE DT 4.104554e+03 II ## 4662 91 IgE FALSE Total 2.942152e+03 II ## 4664 91 IgE FALSE Total 7.178850e+03 II ## 4665 91 IgG TRUE PT 4.145139e+02 II ## 4666 91 IgG TRUE PT 4.145139e+02 II ## 4666 91 IgG TRUE PRN 9.920211e+02 II ## 4666 91 IgE TRUE FHA 1.994546e+03 II ## 4666 91 IgE TRUE FHA 1.994546e+03 II ## 4666 91 IgE TRUE FROM 9.920211e+02 II ## 4668 91 IgE TRUE FROM 9.920211e+02 II ## 4669 91 IgE TRUE FROM 9.920211e+02 II ## 4669 91 IgE TRUE FROM 9.920211e+02 II ## 4669 91 IgE TRUE FELDI 1.434650e+01 II ## 4669 91 IgE TRUE FELDI 1.434650e+01 II ## 4670 91 IgE TRUE FELDI 1.434650e+01 II ## 4671 91 IgE TRUE BETV1 5.274621e-01 II ## 4671 91 IgE TRUE BETV1 5.274621e-01 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE FROM 9.920319 II				_				
## 4651 90 IgG4 TRUE LOLP1 1.300699e+01 I ## 4652 90 IgG4 TRUE Measles 1.837838e+00 I ## 4653 90 IgG4 TRUE PTM 3.578452e+01 I ## 4654 90 IgG4 TRUE 1% PFA PT 3.900502e+01 I ## 4655 90 IgG4 TRUE PRN 3.033517e+02 I ## 4656 90 IgG4 TRUE FHA 1.801429e+02 I ## 4657 90 IgG4 TRUE FHA 1.801429e+02 I ## 4658 90 IgG4 TRUE FIM2/3 8.691291e+02 I ## 4659 90 IgG4 TRUE TT 3.311113e+03 I ## 4659 90 IgG4 TRUE DT 4.104554e+03 I ## 4660 90 IgG4 TRUE DT 4.104554e+03 I ## 4661 90 IgG4 TRUE DVA 1.352280e+03 I ## 4662 91 IgE FALSE Total 2.942152e+03 U ## 4663 91 IgE FALSE Total 7.178850e+03 I ## 4664 91 IgG TRUE PT 4.145139e+02 I ## 4665 91 IgG TRUE PRN 9.920211e+02 I ## 4666 91 IgG TRUE FHA 1.994546e+03 I ## 4666 91 IgG TRUE FHA 1.994546e+03 I ## 4666 91 IgE TRUE FHA 1.994546e+03 I ## 4666 91 IgE TRUE FHA 1.994546e+03 I ## 4666 91 IgE TRUE FRUE FHA 1.994546e+03 I ## 4666 91 IgE TRUE FHA 1.994546e+03 I ## 4666 91 IgE TRUE FHA 1.994546e+03 I ## 4666 91 IgE TRUE FHA 1.994546e+03 I ## 4669 91 IgE TRUE BETV1 5.274621e-01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE BETV1 5.274621e-01 I ## 4672 91 IgE TRUE Measles 2.389807e-01 I ## 4673 91 IgE TRUE Measles 2.389807e-01 I ## 4673 91 IgE TRUE PTM 1.445748e+00 I ## 4673				_				
## 4652				_				
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## 4654 90 IgG4 TRUE 1% PFA PT 3.900502e+01 II ## 4655 90 IgG4 TRUE PRN 3.033517e+02 II ## 4656 90 IgG4 TRUE FHA 1.801429e+02 II ## 4657 90 IgG4 TRUE FIM2/3 8.691291e+02 II ## 4658 90 IgG4 TRUE TT 3.311113e+03 II ## 4659 90 IgG4 TRUE DT 4.104554e+03 II ## 4660 90 IgG4 TRUE DT 4.104554e+03 II ## 4661 90 IgG4 TRUE DVA 1.352280e+03 II ## 4662 91 IgE FALSE Total 2.942152e+03 II ## 4663 91 IgE FALSE Total 2.942152e+03 II ## 4665 91 IgG TRUE PT 4.145139e+02 II ## 4665 91 IgG TRUE PT 4.145139e+02 II ## 4666 91 IgG TRUE PRN 9.920211e+02 II ## 4666 91 IgE TRUE FHA 1.994546e+03 II ## 4667 91 IgE TRUE ACT 4.736364e-01 II ## 4668 91 IgE TRUE BETV1 5.274621e-01 II ## 4670 91 IgE TRUE BETV1 5.274621e-01 II ## 4671 91 IgE TRUE LOLP1 1.507717e+03 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE PTM 1.445748e+00 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE PTM 1.445748e+00 II ## 4673 91 IgE TRUE Measles 2.389807e-01 II ## 4670 91 IgE TRUE Measles 2.389807e-01 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE PTM 1.445748e+00 II ## 4673				_				
## 4655 90 IgG4 TRUE PRN 3.033517e+02 II ## 4656 90 IgG4 TRUE FHA 1.801429e+02 II ## 4657 90 IgG4 TRUE FIM2/3 8.691291e+02 II ## 4658 90 IgG4 TRUE TT 3.311113e+03 II ## 4659 90 IgG4 TRUE DT 4.104554e+03 II ## 4660 90 IgG4 TRUE DT 4.104554e+03 II ## 4661 90 IgG4 TRUE DT 4.104554e+03 II ## 4662 91 IgE FALSE Total 2.942152e+03 II ## 4663 91 IgE FALSE Total 7.178850e+03 II ## 4665 91 IgG TRUE PT 4.145139e+02 II ## 4666 91 IgG TRUE PRN 9.920211e+02 II ## 4666 91 IgG TRUE FHA 1.994546e+03 II ## 4668 91 IgE TRUE ACT 4.736364e-01 II ## 4669 91 IgE TRUE BETV1 5.274621e-01 II ## 4670 91 IgE TRUE BETV1 5.274621e-01 II ## 4671 91 IgE TRUE LOLP1 1.507717e+03 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE PTM 1.445748e+00 II ## 4670 91 IgE TRUE Measles 2.389807e-01 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE PTM 1.445748e+00 II ## 4673 91 II				_				-
## 4656 90 IgG4 TRUE FHA 1.801429e+02 II ## 4657 90 IgG4 TRUE FIM2/3 8.691291e+02 II ## 4658 90 IgG4 TRUE TT 3.311113e+03 II ## 4659 90 IgG4 TRUE DT 4.104554e+03 II ## 4660 90 IgG4 TRUE DVA 1.352280e+03 II ## 4661 90 IgG4 TRUE PD1 9.434343e-01 II ## 4662 91 IgE FALSE Total 2.942152e+03 UI ## 4663 91 IgE FALSE Total 7.178850e+03 II ## 4664 91 IgG TRUE PT 4.145139e+02 II ## 4666 91 IgG TRUE PRN 9.920211e+02 II ## 4666 91 IgG TRUE FHA 1.994546e+03 II ## 4668 91 IgE TRUE ACT 4.736364e-01 II ## 4669 91 IgE TRUE BETV1 5.274621e-01 II ## 4670 91 IgE TRUE BETV1 5.274621e-01 II ## 4671 91 IgE TRUE LOLP1 1.507717e+03 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE PTM 1.445748e+00 II ## 4674 PTM 1.445748e+00 II ## 4675 PTM 1.445748e+00 II				_				
## 4657								•
## 4658 90 IgG4 TRUE TT 3.311113e+03 II ## 4659 90 IgG4 TRUE DT 4.104554e+03 II ## 4660 90 IgG4 TRUE OVA 1.352280e+03 II ## 4661 90 IgG4 TRUE PD1 9.434343e-01 II ## 4662 91 IgE FALSE Total 2.942152e+03 UI ## 4663 91 IgE FALSE Total 7.178850e+03 II ## 4664 91 IgG TRUE PT 4.145139e+02 II ## 4665 91 IgG TRUE PRN 9.920211e+02 II ## 4666 91 IgG TRUE FHA 1.994546e+03 II ## 4667 91 IgE TRUE ACT 4.736364e-01 II ## 4668 91 IgE TRUE ACT 4.736364e-01 II ## 4669 91 IgE TRUE LOS 7.848485e+00 II ## 4670 91 IgE TRUE BETV1 5.274621e-01 II ## 4671 91 IgE TRUE BETV1 5.274621e-01 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE PTM 1.445748e+00 II ## 4673 91 IgE PTM 1.445748e+00 II ## 4673 91 II II II ## 4673 91 II								
## 4659 90 IgG4 TRUE DT 4.104554e+03 II ## 4660 90 IgG4 TRUE DVA 1.352280e+03 II ## 4661 90 IgG4 TRUE PD1 9.434343e-01 II ## 4662 91 IgE FALSE Total 2.942152e+03 II ## 4663 91 IgE FALSE Total 7.178850e+03 II ## 4664 91 IgG TRUE PT 4.145139e+02 II ## 4665 91 IgG TRUE PRN 9.920211e+02 II ## 4666 91 IgG TRUE FHA 1.994546e+03 II ## 4667 91 IgE TRUE ACT 4.736364e-01 II ## 4668 91 IgE TRUE LOS 7.848485e+00 II ## 4669 91 IgE TRUE FELD1 1.434650e+01 II ## 4670 91 IgE TRUE BETV1 5.274621e-01 II ## 4671 91 IgE TRUE BETV1 5.274621e-01 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE PTM 1.445748e+00 II ## 4673 91 II ## 4673 91 II ## 4673 91 II ## 4673 91 II ## 4674 91 II ##				•				
## 4660 90 IgG4 TRUE OVA 1.352280e+03 II ## 4661 90 IgG4 TRUE PD1 9.434343e-01 II ## 4662 91 IgE FALSE Total 2.942152e+03 UI ## 4663 91 IgE FALSE Total 7.178850e+03 II ## 4664 91 IgG TRUE PT 4.145139e+02 II ## 4665 91 IgG TRUE PRN 9.920211e+02 II ## 4666 91 IgE TRUE FHA 1.994546e+03 II ## 4667 91 IgE TRUE ACT 4.736364e-01 II ## 4668 91 IgE TRUE LOS 7.848485e+00 II ## 4669 91 IgE TRUE FELD1 1.434650e+01 II ## 4670 91 IgE TRUE BETV1 5.274621e-01 II ## 4671 91 IgE TRUE LOLP1 1.507717e+03 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE PTM 1.445748e+00 II				_				
## 4661 90 IgG4 TRUE PD1 9.434343e-01 I ## 4662 91 IgE FALSE Total 2.942152e+03 U ## 4663 91 IgE FALSE Total 7.178850e+03 I ## 4664 91 IgG TRUE PT 4.145139e+02 I ## 4665 91 IgG TRUE PRN 9.920211e+02 I ## 4666 91 IgG TRUE FHA 1.994546e+03 I ## 4667 91 IgE TRUE ACT 4.736364e-01 I ## 4668 91 IgE TRUE LOS 7.848485e+00 I ## 4669 91 IgE TRUE FELD1 1.434650e+01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE LOLP1 1.507717e+03 I ## 4672 91 IgE TRUE Measles 2.389807e-01 I ## 4673 91 IgE TRUE PTM 1.445748e+00 I				_				
## 4662 91 IgE FALSE Total 2.942152e+03 U ## 4663 91 IgE FALSE Total 7.178850e+03 I ## 4664 91 IgG TRUE PT 4.145139e+02 I ## 4665 91 IgG TRUE PRN 9.920211e+02 I ## 4666 91 IgG TRUE FHA 1.994546e+03 I ## 4667 91 IgE TRUE ACT 4.736364e-01 I ## 4668 91 IgE TRUE LOS 7.848485e+00 I ## 4669 91 IgE TRUE FELD1 1.434650e+01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE LOLP1 1.507717e+03 I ## 4672 91 IgE TRUE Measles 2.389807e-01 I ## 4673 91 IgE TRUE PTM 1.445748e+00 I				_				
## 4663 91 IgE FALSE Total 7.178850e+03 II ## 4664 91 IgG TRUE PT 4.145139e+02 II ## 4665 91 IgG TRUE PRN 9.920211e+02 II ## 4666 91 IgG TRUE FHA 1.994546e+03 II ## 4667 91 IgE TRUE ACT 4.736364e-01 II ## 4668 91 IgE TRUE LOS 7.848485e+00 II ## 4669 91 IgE TRUE FELD1 1.434650e+01 II ## 4670 91 IgE TRUE BETV1 5.274621e-01 II ## 4671 91 IgE TRUE LOLP1 1.507717e+03 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE PTM 1.445748e+00 II				_				
## 4664 91 IgG TRUE PT 4.145139e+02 II ## 4665 91 IgG TRUE PRN 9.920211e+02 II ## 4666 91 IgG TRUE FHA 1.994546e+03 II ## 4667 91 IgE TRUE ACT 4.736364e-01 II ## 4668 91 IgE TRUE LOS 7.848485e+00 II ## 4669 91 IgE TRUE FELD1 1.434650e+01 II ## 4670 91 IgE TRUE BETV1 5.274621e-01 II ## 4671 91 IgE TRUE LOLP1 1.507717e+03 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE PTM 1.445748e+00 II								
## 4665 91 IgG TRUE PRN 9.920211e+02 II ## 4666 91 IgG TRUE FHA 1.994546e+03 II ## 4667 91 IgE TRUE ACT 4.736364e-01 II ## 4668 91 IgE TRUE LOS 7.848485e+00 II ## 4669 91 IgE TRUE FELD1 1.434650e+01 II ## 4670 91 IgE TRUE BETV1 5.274621e-01 II ## 4671 91 IgE TRUE LOLP1 1.507717e+03 II ## 4672 91 IgE TRUE Measles 2.389807e-01 II ## 4673 91 IgE TRUE PTM 1.445748e+00 II								
## 4666 91 IgG TRUE FHA 1.994546e+03 I ## 4667 91 IgE TRUE ACT 4.736364e-01 I ## 4668 91 IgE TRUE LOS 7.848485e+00 I ## 4669 91 IgE TRUE FELD1 1.434650e+01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE LOLP1 1.507717e+03 I ## 4672 91 IgE TRUE Measles 2.389807e-01 I ## 4673 91 IgE TRUE PTM 1.445748e+00 I								
## 4667 91 IgE TRUE ACT 4.736364e-01 I ## 4668 91 IgE TRUE LOS 7.848485e+00 I ## 4669 91 IgE TRUE FELD1 1.434650e+01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE LOLP1 1.507717e+03 I ## 4672 91 IgE TRUE Measles 2.389807e-01 I ## 4673 91 IgE TRUE PTM 1.445748e+00 I								
## 4668 91 IgE TRUE LOS 7.848485e+00 I ## 4669 91 IgE TRUE FELD1 1.434650e+01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE LOLP1 1.507717e+03 I ## 4672 91 IgE TRUE Measles 2.389807e-01 I ## 4673 91 IgE TRUE PTM 1.445748e+00 I								
## 4669 91 IgE TRUE FELD1 1.434650e+01 I ## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE LOLP1 1.507717e+03 I ## 4672 91 IgE TRUE Measles 2.389807e-01 I ## 4673 91 IgE TRUE PTM 1.445748e+00 I								
## 4670 91 IgE TRUE BETV1 5.274621e-01 I ## 4671 91 IgE TRUE LOLP1 1.507717e+03 I ## 4672 91 IgE TRUE Measles 2.389807e-01 I ## 4673 91 IgE TRUE PTM 1.445748e+00 I								
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## 4673 91 IgE TRUE PTM 1.445748e+00 I								
<u> </u>								
## 46/4 91 lgE TRUE 1% PFA PT 1.000000e-01 I								
	##	46/4	91	1g£	TRUE	1% PFA PT	1.000000e-01	TU/ML

	4675	91	IgE	TRUE		1.000000e-01	
	4676	91	IgE	TRUE		5.157699e-01	
	4677	91	IgE	TRUE		1.863636e+00	
	4678	91	IgE	TRUE		7.462945e-01	
	4679	91	IgE	TRUE		4.908718e-01	
	4680	91	IgE	TRUE		1.010921e+00	
	4681	91	IgG1	TRUE		6.424650e+02	
	4682	91	IgG1	TRUE		1.511255e+01	
	4683	91	IgG1	TRUE		6.228476e+00	-
	4684	91	IgG1	TRUE		2.056170e+00	
	4685	91	IgG1	TRUE		3.313195e+00	
	4686	91	IgG1	TRUE		2.535110e+01	
	4687	91	IgG1	TRUE		1.994816e+04	
	4688	91	IgG1			2.078346e+04	
	4689	91	IgG1	TRUE		3.034814e+04	
	4690	91	IgG1	TRUE		4.017782e+04	
	4691	91	IgG1	TRUE	FIM2/3	5.939177e+04	IU/ML
##	4692	91	IgG1	TRUE		2.422544e+04	-
##	4693	91	IgG1	TRUE		1.948296e+04	
##	4694	91	IgG1	TRUE	AVO	9.832026e+00	IU/ML
##	4695	91	IgG1	TRUE	PD1	7.816716e+00	IU/ML
##	4696	91	IgG2	TRUE	ACT	1.263785e+02	IU/ML
##	4697	91	IgG2	TRUE	LOS	2.025518e+00	IU/ML
##	4698	91	IgG2	TRUE	FELD1	1.007576e+00	IU/ML
##	4699	91	IgG2	TRUE	BETV1	4.687500e-01	IU/ML
##	4700	91	IgG2	TRUE	LOLP1	1.481405e+00	IU/ML
##	4701	91	IgG2	TRUE	Measles	1.424799e+00	IU/ML
##	4702	91	IgG2	TRUE	PTM	6.929293e+00	IU/ML
##	4703	91	IgG2	TRUE	1% PFA PT	8.776680e+00	IU/ML
##	4704	91	IgG2	TRUE	PRN	1.218701e+02	IU/ML
##	4705	91	IgG2	TRUE	FHA	1.566371e+02	IU/ML
##	4706	91	IgG2	TRUE	FIM2/3	6.011504e+03	IU/ML
##	4707	91	IgG2	TRUE	TT	8.552110e+01	IU/ML
##	4708	91	IgG2	TRUE	DT	6.927449e+02	IU/ML
##	4709	91	IgG2	TRUE	AVO	1.016290e+00	IU/ML
##	4710	91	IgG2	TRUE	PD1	1.225649e+00	IU/ML
##	4711	91	IgG3	TRUE	ACT	1.102694e+01	IU/ML
##	4712	91	IgG3	TRUE	LOS	1.284425e+01	IU/ML
##	4713	91	IgG3	TRUE	FELD1	2.907541e+00	IU/ML
##	4714	91	IgG3	TRUE	BETV1	4.909091e-01	IU/ML
##	4715	91	IgG3	TRUE		4.465241e-01	
##	4716	91	IgG3	TRUE	Measles	3.091897e+00	IU/ML
##	4717	91	IgG3	TRUE	PTM	2.161829e+01	IU/ML
##	4718	91	IgG3	TRUE	1% PFA PT	2.429681e+01	IU/ML
##	4719	91	IgG3	TRUE	PRN	3.053090e+02	IU/ML
##	4720	91	IgG3	TRUE	FHA	1.733175e+02	IU/ML
##	4721	91	IgG3	TRUE	FIM2/3	1.088776e+03	IU/ML
##	4722	91	IgG3	TRUE	TT	4.462987e+01	IU/ML
##	4723	91	IgG3	TRUE	DT	1.385181e+02	IU/ML
##	4724	91	IgG3	TRUE	OVA	1.767380e+00	IU/ML
##	4725	91	IgG3	TRUE	PD1	2.784689e+00	IU/ML
##	4726	91	IgG4	TRUE	ACT	3.138284e+00	IU/ML
##	4727	91	IgG4	TRUE	LOS	4.471787e+00	IU/ML
##	4728	91	IgG4	TRUE	FELD1	6.632867e+00	IU/ML

	4729	91	IgG4	TRUE		1.355615e+00	
	4730	91	IgG4	TRUE		1.300699e+01	
	4731	91	IgG4	TRUE		1.378378e+00	
	4732	91	IgG4	TRUE		3.684481e+01	
	4733	91	IgG4			3.900502e+01	
	4734	91	IgG4	TRUE		3.602301e+02	
	4735	91	IgG4	TRUE		2.556687e+02	
	4736	91	IgG4	TRUE		1.522864e+03	
	4737	91	IgG4	TRUE		4.221112e+03	•
	4738	91	IgG4	TRUE		5.640247e+03	
	4739	91	IgG4	TRUE		1.198433e+03	
	4740	91	IgG4	TRUE		1.651010e+00	
##	4741	92	IgE	FALSE	Total	2.322548e+03	UG/ML
##	4742	92	IgE	FALSE	Total	5.667016e+03	IU/ML
##	4743	92	$\operatorname{IgG}$	TRUE	PT	1.991238e+02	IU/ML
##	4744	92	IgG	TRUE	PRN	6.319714e+02	IU/ML
##	4745	92	${\tt IgG}$	TRUE	FHA	7.393619e+02	IU/ML
##	4746	92	IgE	TRUE	ACT	1.000000e-01	IU/ML
##	4747	92	IgE	TRUE	LOS	5.606061e+00	IU/ML
##	4748	92	IgE	TRUE	FELD1	9.564336e+00	IU/ML
##	4749	92	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	4750	92	IgE	TRUE	LOLP1	1.133182e+03	IU/ML
##	4751	92	IgE	TRUE	Measles	2.389807e-01	IU/ML
##	4752	92	IgE	TRUE	PTM	4.819159e-01	IU/ML
##	4753	92	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	4754	92	IgE	TRUE	PRN	9.897727e-01	IU/ML
##	4755	92	IgE	TRUE	FHA	5.157699e-01	IU/ML
##	4756	92	IgE	TRUE	FIM2/3	1.630682e+00	IU/ML
##	4757	92	IgE	TRUE	TT	1.492589e+00	IU/ML
##	4758	92	IgE	TRUE	DT	1.472615e+00	IU/ML
##	4759	92	IgE	TRUE	OVA	1.010921e+00	IU/ML
##	4760	92	IgG1	TRUE	ACT	4.898796e+02	IU/ML
##	4761	92	IgG1	TRUE	LOS	1.224242e+01	IU/ML
##	4762	92	IgG1	TRUE	FELD1	8.334184e+00	IU/ML
##	4763	92	IgG1	TRUE	BETV1	4.049791e+00	IU/ML
##	4764	92	IgG1	TRUE	LOLP1	2.340468e+00	IU/ML
##	4765	92	IgG1	TRUE	Measles	2.287069e+01	IU/ML
##	4766	92	IgG1	TRUE	PTM	1.423893e+04	IU/ML
##	4767	92	IgG1	TRUE		1.549529e+04	
##	4768	92	IgG1	TRUE	PRN	2.844417e+04	IU/ML
##	4769	92	IgG1	TRUE	FHA	3.758014e+04	IU/ML
##	4770	92	IgG1	TRUE	FIM2/3	4.060810e+04	IU/ML
	4771	92	IgG1	TRUE	TT	2.200567e+04	IU/ML
	4772	92	IgG1	TRUE		1.676730e+04	
##	4773	92	IgG1	TRUE		8.832900e+00	
##	4774	92	IgG1	TRUE		7.816716e+00	
##	4775	92	IgG2	TRUE	ACT	1.062090e+02	IU/ML
	4776	92	IgG2	TRUE		2.785088e+00	
	4777	92	IgG2	TRUE		5.037879e-01	
	4778	92	IgG2	TRUE		9.375000e-01	
	4779	92	IgG2	TRUE		9.876033e-01	
	4780	92	IgG2	TRUE		9.498663e-01	
	4781	92	IgG2	TRUE		3.464646e+00	
	4782	92	IgG2			5.119730e+00	
ππ	1102	02	-642	11001	-/0 IIH II	2.1101006100	TO/1711

	4783	92	IgG2	TRUE		8.632468e+01	
	4784	92	IgG2	TRUE		1.712505e+02	
	4785	92	IgG2	TRUE		3.384062e+03	
	4786	92	IgG2	TRUE		8.845455e+01	
	4787	92	IgG2	TRUE	DT	6.276818e+02	IU/ML
	4788	92	IgG2	TRUE	AVO	1.524435e+00	IU/ML
	4789	92	IgG2	TRUE		1.225649e+00	-
##	4790	92	IgG3	TRUE		6.248597e+00	
##	4791	92	IgG3	TRUE	LOS	8.562834e+00	IU/ML
##	4792	92	IgG3	TRUE	FELD1	3.131198e+00	IU/ML
##	4793	92	IgG3	TRUE		1.000000e-01	
##	4794	92	IgG3	TRUE		1.000000e-01	
##	4795	92	IgG3	TRUE	Measles	1.766798e+00	IU/ML
##	4796	92	IgG3	TRUE	PTM	6.605590e+00	IU/ML
##	4797	92	IgG3	TRUE	1% PFA PT	7.086571e+00	IU/ML
##	4798	92	IgG3	TRUE	PRN	1.507906e+02	IU/ML
##	4799	92	IgG3	TRUE	FHA	9.004009e+01	IU/ML
##	4800	92	IgG3	TRUE	FIM2/3	3.559391e+02	IU/ML
##	4801	92	IgG3	TRUE	TT	2.014935e+01	IU/ML
##	4802	92	IgG3	TRUE	DT	5.578487e+01	IU/ML
##	4803	92	IgG3	TRUE	OVA	1.988302e+00	IU/ML
##	4804	92	IgG3	TRUE	PD1	1.392344e+00	IU/ML
##	4805	92	IgG4	TRUE	ACT	2.092190e+00	IU/ML
##	4806	92	IgG4	TRUE	LOS	2.484326e+00	IU/ML
##	4807	92	IgG4	TRUE	FELD1	3.790210e+00	IU/ML
##	4808	92	IgG4	TRUE	BETV1	4.518717e-01	IU/ML
##	4809	92	IgG4	TRUE	LOLP1	7.370629e+00	IU/ML
##	4810	92	IgG4	TRUE	Measles	9.189189e-01	IU/ML
##	4811	92	IgG4	TRUE	PTM	1.696451e+01	IU/ML
##	4812	92	IgG4	TRUE	1% PFA PT	1.733556e+01	IU/ML
##	4813	92	IgG4	TRUE	PRN	2.475121e+02	IU/ML
##	4814	92	IgG4	TRUE	FHA	1.549677e+02	IU/ML
##	4815	92	IgG4	TRUE	FIM2/3	8.159603e+02	IU/ML
##	4816	92	IgG4	TRUE	TT	4.555435e+03	IU/ML
##	4817	92	IgG4	TRUE	DT	7.211516e+03	IU/ML
##	4818	92	IgG4	TRUE	OVA	8.217095e+02	IU/ML
##	4819	92	IgG4	TRUE	PD1	1.000000e-01	IU/ML
##	4820	93	IgE	FALSE	Total	4.611201e+03	UG/ML
##	4821	93	IgE	FALSE	Total	1.125133e+04	IU/ML
##	4822	93	IgG	TRUE	PT	1.434999e+02	IU/ML
##	4823	93	IgG	TRUE	PRN	7.010340e+01	IU/ML
##	4824	93	IgG	TRUE	FHA	1.671654e+02	IU/ML
##	4825	93	IgE	TRUE	ACT	4.736364e-01	IU/ML
##	4826	93	IgE	TRUE	LOS	5.886364e+00	IU/ML
##	4827	93	IgE	TRUE	FELD1	1.062704e+01	IU/ML
##	4828	93	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	4829	93	IgE	TRUE	LOLP1	1.220455e+03	IU/ML
##	4830	93	IgE	TRUE	Measles	7.169421e-01	IU/ML
##	4831	93	IgE	TRUE	PTM	9.638319e-01	IU/ML
##	4832	93	IgE	TRUE	1% PFA PT	9.383307e-01	IU/ML
##	4833	93	IgE	TRUE	PRN	9.897727e-01	IU/ML
##	4834	93	IgE	TRUE	FHA	5.157699e-01	IU/ML
##	4835	93	IgE	TRUE	FIM2/3	2.329545e+00	IU/ML
##	4836	93	IgE	TRUE	TT	4.975296e-01	IU/ML

	4837	93	IgE	TRUE		1.963487e+00	
	4838	93	IgE	TRUE		5.054604e-01	
	4839	93	IgG1	TRUE		5.112701e+02	
	4840	93	IgG1	TRUE		1.224242e+01	
	4841	93	IgG1	TRUE		8.334184e+00	•
	4842	93	IgG1	TRUE		3.302183e+00	
	4843	93	IgG1	TRUE	LOLP1	2.340468e+00	IU/ML
	4844	93	IgG1	TRUE		2.336677e+01	-
	4845	93	IgG1	TRUE		7.991136e+03	-
	4846	93	IgG1			8.864218e+03	
	4847	93	IgG1	TRUE		2.839317e+04	
	4848	93	IgG1	TRUE		3.524336e+04	
	4849	93	IgG1	TRUE	FIM2/3	2.254347e+04	IU/ML
	4850	93	IgG1	TRUE	TT	1.967793e+04	IU/ML
	4851	93	IgG1	TRUE	DT	1.474429e+04	IU/ML
	4852	93	IgG1	TRUE	AVO	1.183028e+01	IU/ML
	4853	93	IgG1	TRUE	PD1	7.816716e+00	IU/ML
##	4854	93	IgG2	TRUE	ACT	1.143789e+02	IU/ML
##	4855	93	IgG2	TRUE	LOS	1.519139e+00	IU/ML
##	4856	93	IgG2	TRUE	FELD1	1.000000e-01	IU/ML
##	4857	93	IgG2	TRUE	BETV1	4.687500e-01	IU/ML
##	4858	93	IgG2	TRUE	LOLP1	4.938017e-01	IU/ML
##	4859	93	IgG2	TRUE	Measles	9.498663e-01	IU/ML
##	4860	93	IgG2	TRUE	PTM	2.474747e+00	IU/ML
##	4861	93	IgG2	TRUE	1% PFA PT	2.925560e+00	IU/ML
##	4862	93	IgG2	TRUE	PRN	5.908855e+01	IU/ML
##	4863	93	IgG2	TRUE	FHA	1.730772e+02	IU/ML
##	4864	93	IgG2	TRUE	FIM2/3	2.289412e+03	IU/ML
##	4865	93	IgG2	TRUE	TT	8.349026e+01	IU/ML
##	4866	93	IgG2	TRUE	DT	8.039437e+02	IU/ML
##	4867	93	IgG2	TRUE	AVO	1.016290e+00	IU/ML
##	4868	93	IgG2	TRUE	PD1	2.206169e+00	IU/ML
##	4869	93	IgG3	TRUE	ACT	6.248597e+00	IU/ML
##	4870	93	IgG3	TRUE	LOS	8.155080e+00	IU/ML
##	4871	93	IgG3	TRUE	FELD1	2.236570e+00	IU/ML
##	4872	93	IgG3	TRUE		4.909091e-01	
##	4873	93	IgG3	TRUE	LOLP1	8.930481e-01	IU/ML
##	4874	93	IgG3	TRUE	Measles	8.833992e-01	IU/ML
##	4875	93	IgG3	TRUE	PTM	4.003388e-01	IU/ML
##	4876	93	IgG3		1% PFA PT	2.024735e+00	IU/ML
##	4877	93	IgG3	TRUE	PRN	8.834950e+01	IU/ML
##	4878	93	IgG3	TRUE	FHA	6.608092e+01	IU/ML
##	4879	93	IgG3	TRUE	FIM2/3	7.089621e+01	IU/ML
##	4880	93	IgG3	TRUE	TT	1.337013e+01	IU/ML
##	4881	93	IgG3	TRUE	DT	2.849319e+01	IU/ML
##	4882	93	IgG3	TRUE	OVA	1.767380e+00	IU/ML
##	4883	93	IgG3	TRUE		1.856459e+00	
##	4884	93	IgG4	TRUE		1.046095e+00	
##	4885	93	IgG4	TRUE		3.974922e+00	
##	4886	93	IgG4	TRUE		5.211538e+00	
##	4887	93	IgG4	TRUE	BETV1	6.778075e-01	IU/ML
##	4888	93	IgG4	TRUE	LOLP1	7.370629e+00	IU/ML
##	4889	93	IgG4	TRUE		9.189189e-01	
##	4890	93	IgG4	TRUE	PTM	1.007268e+01	IU/ML

	4891	93	IgG4			1.083473e+01	
	4892	93	IgG4	TRUE		2.314095e+02	
	4893	93	IgG4	TRUE		1.745484e+02	
	4894	93	IgG4	TRUE		7.081122e+02	
	4895	93	IgG4	TRUE		4.628722e+03	
	4896	93	IgG4	TRUE	DT	8.457634e+03	IU/ML
	4897	93	IgG4	TRUE	AVO	9.870193e+02	IU/ML
	4898	93	IgG4	TRUE		1.651010e+00	
	4899	96	IgE	FALSE		5.990633e+02	
	4900	96	IgE	FALSE	Total	1.461714e+03	IU/ML
##	4901	96	IgG	TRUE	PT	2.426124e+00	IU/ML
##	4902	96	IgG	TRUE	PRN	1.117052e+02	IU/ML
	4903	96	IgG	TRUE		4.239256e+01	
	4904	96	IgE	TRUE		1.000000e-01	
##	4905	96	IgE	TRUE	LOS	2.242424e+00	IU/ML
	4906	96	IgE	TRUE	FELD1	1.062704e+00	IU/ML
##	4907	96	IgE	TRUE	BETV1	1.000000e-01	IU/ML
##	4908	96	IgE	TRUE	LOLP1	8.207496e-01	IU/ML
##	4909	96	IgE	TRUE	Measles	2.389807e-01	IU/ML
##	4910	96	IgE	TRUE	PTM	4.819159e-01	IU/ML
##	4911	96	IgE	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	4912	96	IgE	TRUE	PRN	9.897727e-01	IU/ML
##	4913	96	IgE	TRUE	FHA	1.000000e-01	IU/ML
##	4914	96	IgE	TRUE	FIM2/3	1.444318e+01	IU/ML
##	4915	96	IgE	TRUE	TT	9.950593e-01	IU/ML
##	4916	96	IgE	TRUE	DT	2.945231e+00	IU/ML
##	4917	96	IgE	TRUE	OVA	1.000000e-01	IU/ML
##	4918	96	IgG1	TRUE	ACT	1.873231e+02	IU/ML
##	4919	96	IgG1	TRUE	LOS	5.306277e+00	IU/ML
##	4920	96	IgG1	TRUE	FELD1	7.009918e-01	IU/ML
##	4921	96	IgG1	TRUE	BETV1	1.000000e-01	IU/ML
##	4922	96	IgG1	TRUE	LOLP1	1.000000e-01	IU/ML
##	4923	96	IgG1	TRUE	Measles	1.939812e+01	IU/ML
##	4924	96	IgG1	TRUE	PTM	8.990580e-01	IU/ML
##	4925	96	IgG1	TRUE	1% PFA PT	4.943328e+00	IU/ML
##	4926	96	IgG1	TRUE	PRN	2.392464e+03	IU/ML
##	4927	96	IgG1	TRUE	FHA	6.945991e+03	IU/ML
##	4928	96	IgG1	TRUE	FIM2/3	1.368123e+04	IU/ML
##	4929	96	IgG1	TRUE	TT	3.449819e+03	IU/ML
##	4930	96	IgG1	TRUE	DT	1.358809e+03	IU/ML
##	4931	96	IgG1	TRUE	OVA	1.158050e+01	IU/ML
##	4932	96	IgG1	TRUE	PD1	2.750733e+00	IU/ML
##	4933	96	IgG2	TRUE	ACT	7.710365e+01	IU/ML
##	4934	96	IgG2	TRUE	LOS	2.886364e+01	IU/ML
##	4935	96	IgG2	TRUE	FELD1	5.037879e-01	IU/ML
##	4936	96	IgG2	TRUE	BETV1	4.687500e-01	IU/ML
##	4937	96	IgG2	TRUE	LOLP1	4.938017e-01	IU/ML
	4938	96	IgG2	TRUE		1.424799e+00	
	4939	96	IgG2	TRUE		4.949495e-01	
	4940	96	IgG2			5.363527e+00	
	4941	96	IgG2	TRUE		1.761116e+02	
	4942	96	IgG2	TRUE		2.397507e+02	
	4943	96	IgG2	TRUE		3.168995e+03	
	4944	96	IgG2	TRUE		9.702922e+00	
			5		- <b>-</b>		

	4945	96	IgG2		T 7.492907e+02 IU/ML
	4946	96	IgG2		A 1.575250e+01 IU/ML
	4947	96	IgG2		1 2.696429e+00 IU/ML
	4948	96	IgG3		T 3.436728e+01 IU/ML
	4949	96	IgG3		S 1.834893e+01 IU/ML
	4950	96	IgG3		1 2.683884e+00 IU/ML
	4951	96	IgG3		1 4.909091e-01 IU/ML
	4952	96	IgG3		1 9.823529e+00 IU/ML
	4953	96	IgG3		s 2.208498e+00 IU/ML
##	4954	96	IgG3	TRUE PT	M 5.204404e+00 IU/ML
	4955	96	IgG3	TRUE 1% PFA P	T 8.098938e+00 IU/ML
##	4956	96	IgG3	TRUE PR	N 3.578714e+01 IU/ML
##	4957	96	IgG3	TRUE FH	A 1.027925e+02 IU/ML
##	4958	96	IgG3	TRUE FIM2/	3 4.598230e+02 IU/ML
##	4959	96	IgG3	TRUE	T 5.461039e+00 IU/ML
	4960	96	IgG3	TRUE	T 5.629980e+01 IU/ML
##	4961	96	IgG3		A 1.988302e+00 IU/ML
##	4962	96	IgG3	TRUE PD	1 1.000000e-01 IU/ML
##	4963	96	IgG4	TRUE AC	T 5.230474e+00 IU/ML
##	4964	96	IgG4	TRUE LC	S 1.987461e+00 IU/ML
##	4965	96	IgG4	TRUE FELD	1 1.421329e+00 IU/ML
##	4966	96	IgG4	TRUE BETV	1 1.000000e-01 IU/ML
##	4967	96	IgG4	TRUE LOLF	1 1.000000e-01 IU/ML
##	4968	96	IgG4	TRUE Measle	s 1.000000e-01 IU/ML
##	4969	96	IgG4	TRUE PT	M 2.650705e+00 IU/ML
##	4970	96	IgG4	TRUE 1% PFA F	T 5.417364e-01 IU/ML
##	4971	96	IgG4	TRUE PR	N 7.012410e+00 IU/ML
##	4972	96	IgG4	TRUE FH	A 1.902130e+01 IU/ML
##	4973	96	IgG4	TRUE FIM2/	3 1.317137e+02 IU/ML
##	4974	96	IgG4	TRUE T	T 2.486054e+01 IU/ML
##	4975	96	IgG4	TRUE D	T 1.451110e+03 IU/ML
##	4976	96	IgG4	TRUE OV	A 2.548166e+03 IU/ML
##	4977	96	IgG4	TRUE PD	1 1.179293e+00 IU/ML
##	4978	102	IgE	FALSE Tota	1 3.932877e+02 UG/ML
##	4979	102	IgE	FALSE Tota	1 9.596220e+02 IU/ML
##	4980	102	IgG	TRUE F	T 2.901240e+01 IU/ML
##	4981	102	IgG	TRUE PR	N 1.513044e+02 IU/ML
##	4982	102	IgG	TRUE FH	A 6.152968e+01 IU/ML
##	4983	102	IgE	TRUE AC	T 1.000000e-01 IU/ML
##	4984	102	IgE	TRUE LO	S 2.242424e+00 IU/ML
##	4985	102	IgE	TRUE FELD	1 5.313520e-01 IU/ML
##	4986	102	IgE	TRUE BETV	1 5.274621e-01 IU/ML
##	4987	102	IgE	TRUE LOLF	1 2.735832e-01 IU/ML
##	4988	102	IgE	TRUE Measle	s 2.389807e-01 IU/ML
##	4989	102	IgE	TRUE PT	M 4.819159e-01 IU/ML
##	4990	102	IgE	TRUE 1% PFA F	T 4.691653e-01 IU/ML
##	4991	102	IgE	TRUE PR	N 4.948864e-01 IU/ML
##	4992	102	IgE	TRUE FH	A 2.063080e+00 IU/ML
##	4993	102	IgE	TRUE FIM2/	3 3.261364e+00 IU/ML
##	4994	102	IgE	TRUE	T 4.975296e-01 IU/ML
##	4995	102	IgE	TRUE	T 1.472615e+00 IU/ML
##	4996	102	IgE	TRUE OV	A 1.000000e-01 IU/ML
##	4997	102	IgG1	TRUE AC	T 2.469788e+02 IU/ML
##	4998	102	IgG1	TRUE LO	S 3.153680e+00 IU/ML
			-		

шш	4000	100	T 04	TOIT	PPI D4	7 010117-100	TII /NII
	4999	102 102	IgG1	TRUE TRUE		7.018117e+00	-
	5000		IgG1	TRUE		2.056170e+00	
	5001	102	IgG1			1.000000e-01	
	5002	102	IgG1	TRUE		4.019592e+00	
	5003	102	IgG1	TRUE		1.717174e+03	
	5004	102	IgG1			2.659092e+03	
	5005	102	IgG1	TRUE		1.309958e+04	
	5006	102	IgG1	TRUE		1.408924e+04	
	5007	102	IgG1	TRUE		7.895962e+02	
	5008	102	IgG1	TRUE		1.306563e+04	
	5009	102	IgG1	TRUE		1.084909e+04	
	5010	102	IgG1	TRUE		1.232984e+01	
	5011	102	IgG1	TRUE	PD1	4.777126e+00	IU/ML
	5012	102	IgG2	TRUE	ACT	1.582923e+02	IU/ML
##	5013	102	IgG2	TRUE	LOS	1.569777e+01	IU/ML
	5014	102	IgG2	TRUE		1.007576e+00	
##	5015	102	IgG2	TRUE	BETV1	9.375000e-01	IU/ML
##	5016	102	IgG2	TRUE	LOLP1	1.000000e-01	IU/ML
##	5017	102	IgG2	TRUE	Measles	9.498663e-01	IU/ML
##	5018	102	IgG2	TRUE	PTM	9.898990e-01	IU/ML
##	5019	102	IgG2	TRUE	1% PFA PT	3.413153e+00	IU/ML
##	5020	102	IgG2	TRUE	PRN	1.758808e+02	IU/ML
	5021	102	IgG2	TRUE		2.310740e+02	
	5022	102	IgG2	TRUE		5.182331e+00	
	5023	102	IgG2	TRUE		1.376461e+01	
	5024	102	IgG2	TRUE		1.282335e+02	
	5025	102	IgG2	TRUE		1.727693e+01	
	5026	102	IgG2	TRUE		6.128247e+00	
	5027	102	IgG3	TRUE		1.617284e+01	
	5028	102	IgG3	TRUE		4.077540e-01	
	5029	102	IgG3	TRUE		8.946281e-01	
	5030	102	IgG3	TRUE		1.472727e+00	
	5031	102	IgG3	TRUE		1.000000e-01	•
	5032	102	IgG3	TRUE		8.833992e-01	-
	5032					1.201016e+00	
		102	IgG3	TRUE			-
	5034	102	IgG3			8.098938e-01	
	5035	102	IgG3	TRUE		5.964523e+00	
	5036	102	IgG3	TRUE		3.555231e+01	
	5037	102	IgG3	TRUE		1.000000e-01	
	5038	102	IgG3	TRUE		3.201299e+00	
	5039	102	IgG3	TRUE		2.128407e+01	
	5040	102	IgG3	TRUE		1.325535e+00	
	5041	102	IgG3	TRUE		4.641148e-01	
	5042	102	IgG4	TRUE		5.544302e+01	
	5043	102	IgG4	TRUE		1.490596e+00	
##	5044	102	IgG4	TRUE	FELD1	1.895105e+00	IU/ML
	5045	102	IgG4	TRUE		6.778075e-01	
##	5046	102	IgG4	TRUE	LOLP1	1.300699e+00	IU/ML
##	5047	102	IgG4	TRUE	Measles	1.000000e-01	IU/ML
##	5048	102	IgG4	TRUE	PTM	4.241129e+00	IU/ML
##	5049	102	IgG4	TRUE	1% PFA PT	3.792155e+00	IU/ML
##	5050	102	IgG4	TRUE	PRN	1.766089e+01	IU/ML
	5051	102	IgG4	TRUE	FHA	2.780467e+02	IU/ML
	5052	102	IgG4	TRUE		1.812574e+00	
			-				

	5050	400	T 04	MD1117	TTT /24T
	5053	102	IgG4	TRUE TT 1.289640e+02	•
	5054	102	IgG4	TRUE DT 1.659335e+02	
	5055	102	IgG4	TRUE OVA 4.215782e+03	
	5056	102	IgG4	TRUE PD1 1.000000e-01	
	5057	109	IgE	FALSE Total 9.830168e+02	
	5058	109	IgE	FALSE Total 2.398561e+03	
	5059	109	IgG	TRUE PT 2.250771e+01	
	5060	109	IgG	TRUE PRN 3.263699e+02	
	5061	109	IgG	TRUE FHA 3.820506e+01	•
	5062	109	IgE	TRUE ACT 1.000000e-01	
	5063	109	IgE	TRUE LOS 2.803030e+00	
	5064	109	IgE	TRUE FELD1 2.656760e+00	
	5065	109	IgE	TRUE BETV1 1.054924e+00	
	5066	109	IgE	TRUE LOLP1 1.211974e+02	
##	5067	109	IgE	TRUE Measles 1.000000e-01	
##	5068	109	IgE	TRUE PTM 4.819159e-01	
##	5069	109	IgE	TRUE 1% PFA PT 1.000000e-01	IU/ML
##	5070	109	IgE	TRUE PRN 9.897727e-01	IU/ML
##	5071	109	IgE	TRUE FHA 2.578850e-01	IU/ML
##	5072	109	IgE	TRUE FIM2/3 1.863636e+00	IU/ML
##	5073	109	IgE	TRUE TT 4.975296e-01	IU/ML
##	5074	109	IgE	TRUE DT 1.472615e+00	IU/ML
##	5075	109	IgE	TRUE OVA 5.054604e-01	IU/ML
##	5076	109	IgG1	TRUE ACT 4.421075e+02	IU/ML
##	5077	109	IgG1	TRUE LOS 4.110390e+00	IU/ML
##	5078	109	IgG1	TRUE FELD1 7.281330e+00	IU/ML
##	5079	109	IgG1	TRUE BETV1 1.059360e+00	IU/ML
##	5080	109	IgG1	TRUE LOLP1 4.877314e+02	IU/ML
##	5081	109	IgG1	TRUE Measles 4.445024e+01	IU/ML
##	5082	109	IgG1	TRUE PTM 1.120752e+03	IU/ML
##	5083	109	IgG1	TRUE 1% PFA PT 1.315692e+03	IU/ML
##	5084	109	IgG1	TRUE PRN 1.876246e+04	IU/ML
##	5085	109	IgG1	TRUE FHA 1.022582e+04	IU/ML
##	5086	109	IgG1	TRUE FIM2/3 1.614690e+04	IU/ML
##	5087	109	IgG1	TRUE TT 2.160339e+04	
##	5088	109	IgG1	TRUE DT 1.606636e+04	IU/ML
##	5089	109	IgG1	TRUE OVA 6.078745e+01	
##	5090	109	IgG1	TRUE PD1 8.323314e+00	•
	5091	109	IgG2	TRUE ACT 1.603347e+02	
	5092	109	IgG2	TRUE LOS 2.025518e+00	
	5093	109	IgG2	TRUE FELD1 1.007576e+00	
	5094	109	IgG2	TRUE BETV1 1.406250e+00	
	5095	109	IgG2	TRUE LOLP1 4.444215e+00	
	5096	109	IgG2	TRUE Measles 2.374666e+00	•
	5097	109	IgG2	TRUE PTM 2.969697e+00	
	5098	109	IgG2	TRUE 1% PFA PT 2.681763e+00	
	5099	109	IgG2	TRUE PRN 2.769776e+01	
	5100	109	IgG2	TRUE FHA 6.210685e+01	
	5100	109	IgG2	TRUE FIM2/3 4.145865e+01	
	5101	109	IgG2	TRUE TT 3.475000e+01	
	5102	109	IgG2	TRUE DT 4.478000e+01	
	5103	109	_	TRUE DI 4.47800000+03 TRUE OVA 6.832010e+02	
	5104	109	IgG2	TRUE PD1 8.089286e+00	
			IgG2		
##	5106	109	IgG3	TRUE ACT 1.470258e+00	TO/MF

	E 1 0 2	400	T 00	mp		4 077540 04	TTT /24T
	5107	109	IgG3	TRUE		4.077540e-01	
	5108	109	IgG3	TRUE		1.341942e+00	
	5109	109	IgG3	TRUE		4.909091e-01	
	5110	109	IgG3	TRUE		1.000000e-01	
##	5111	109	IgG3	TRUE	Measles	6.625494e-01	IU/ML
##	5112	109	IgG3	TRUE		1.000000e-01	
##	5113	109	IgG3	TRUE	1% PFA PT	1.000000e-01	IU/ML
##	5114	109	IgG3	TRUE	PRN	1.491131e+00	IU/ML
##	5115	109	IgG3	TRUE	FHA	3.091505e+00	IU/ML
##	5116	109	IgG3	TRUE	FIM2/3	1.000000e-01	IU/ML
##	5117	109	IgG3	TRUE	TT	4.896104e+00	IU/ML
##	5118	109	IgG3	TRUE	DT	3.673219e+01	IU/ML
##	5119	109	IgG3	TRUE	OVA	1.767380e+00	IU/ML
##	5120	109	IgG3	TRUE	PD1	1.000000e-01	IU/ML
##	5121	109	IgG4	TRUE	ACT	1.046095e+00	IU/ML
##	5122	109	IgG4	TRUE	LOS	1.490596e+00	IU/ML
##	5123	109	IgG4	TRUE	FELD1	2.368881e+00	IU/ML
##	5124	109	IgG4	TRUE	BETV1	2.259358e-01	IU/ML
##	5125	109	IgG4	TRUE	LOLP1	3.034965e+00	IU/ML
##	5126	109	IgG4	TRUE	Measles	1.000000e-01	IU/ML
##	5127	109	IgG4	TRUE	PTM	7.421975e+00	IU/ML
##	5128	109	IgG4	TRUE	1% PFA PT	5.417364e+00	IU/ML
##	5129	109	IgG4	TRUE		8.311005e+00	
	5130	109	IgG4	TRUE	FHA	4.699380e+01	IU/ML
	5131	109	IgG4	TRUE		1.008999e+02	
	5132	109	IgG4	TRUE		1.605577e+01	
	5133	109	IgG4	TRUE		1.409067e+03	
	5134	109	IgG4	TRUE		4.492148e+03	
	5135	109	IgG4	TRUE		1.651010e+00	
	5136	114	IgE	FALSE		2.832484e+02	
	5137	114	IgE	FALSE		6.911262e+02	
	5138	114	$_{\mathrm{IgG}}$	TRUE		5.545653e+00	
	5139	114	IgG	TRUE		1.330958e+02	
	5140	114	IgG	TRUE		6.737060e+01	
	5141	114	IgE	TRUE		1.000000e-01	
	5142	114	IgE	TRUE		1.681818e+00	
	5143	114	IgE	TRUE		5.313520e-01	
	5144	114	IgE	TRUE		5.274621e-01	
	5145	114	IgE	TRUE		8.207496e-01	
	5146	114	IgE	TRUE		1.000000e-01	
	5147	114	IgE	TRUE		9.638319e-01	
	5148	114	IgE			4.691653e-01	
	5149	114	IgE	TRUE		1.000000e-01	
	5150	114	IgE	TRUE		1.000000e-01	
	5151	114	IgE	TRUE		9.318182e-01	
	5152	114	IgE	TRUE		1.000000e-01	
	5153	114	IgE	TRUE		4.908718e-01	
	5154	114	IgE	TRUE		1.010921e+00	
	5155	114	IgG1	TRUE		1.169622e+03	
	5156	114	IgG1	TRUE		1.109022e+03 1.045649e+02	
	5150	114	IgG1	TRUE		3.552496e+02	
	5157	114	IgG1	TRUE		1.000000e-01	
	5150	114	IgG1	TRUE		1.000000e-01 1.000000e-01	
	5160	114	IgG1	TRUE		1.294906e+01	
##	2100	114	тВат	INUE	rieasies	1.2343006701	TO/LIP

	5161	114	IgG1	TRUE		1.290434e+01	
	5162	114	IgG1			3.833194e+01	
	5163	114	IgG1	TRUE		7.464475e+02	
	5164	114	IgG1	TRUE		1.276808e+04	
	5165	114	IgG1	TRUE		6.635939e+01	
	5166	114	IgG1	TRUE		2.646248e+02	
	5167	114	IgG1	TRUE		1.289895e+02	
	5168	114	IgG1	TRUE		1.109935e+02	
	5169	114	IgG1	TRUE		1.288270e+01	
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                         IgE
                                                       Total 5.493754e+02 IU/ML
                                             FALSE
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## 5218
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## 5219
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                         IgG
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## 5220
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                                                         ACT 1.000000e-01 IU/ML
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                                              TRUE
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## 5227
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## 5232
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                         IgE
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## 5233
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                                                         OVA 1.000000e-01 IU/ML
                 121
                         IgE
## 5234
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                        IgG1
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## 5242
                                                         PRN 1.340360e+04 IU/ML
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	3452 3453	30	Blood	6 6	wP
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		30	Blood Blood	_	wP
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π#	0-100	50	PIOOG	J	wr

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##	0012	50	PIOOG	J	wr

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π#		T-I	PIOOG	J	wr

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## 761 ## 762	Female	Unknown	White White
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	765	Female				Jnknown	White
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## ##	792 793	Male Male	Not Not	Hispanic Hispanic	or or	Latino Latino	Asian Asian
## ## ##	792 793 794	Male Male Male	Not Not Not	Hispanic Hispanic Hispanic	or or or	Latino Latino Latino	Asian Asian Asian
## ## ## ##	792 793 794 795	Male Male Male Male	Not Not Not	Hispanic Hispanic Hispanic Hispanic	or or or	Latino Latino Latino Latino	Asian Asian Asian Asian
## ## ## ##	792 793 794 795 796	Male Male Male Male Male	Not Not Not Not	Hispanic Hispanic Hispanic Hispanic Hispanic	or or or or	Latino Latino Latino Latino Latino	Asian Asian Asian Asian Asian
## ## ## ## ##	792 793 794 795 796 797	Male Male Male Male Male	Not Not Not Not Not	Hispanic Hispanic Hispanic Hispanic Hispanic	or or or or or	Latino Latino Latino Latino Latino Latino	Asian Asian Asian Asian Asian
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## ## ## ## ## ##	792 793 794 795 796 797 798 799	Male Male Male Male Male Male Male Male	Not Not Not Not Not Not	Hispanic Hispanic Hispanic Hispanic Hispanic Hispanic Hispanic	or or or or or or	Latino Latino Latino Latino Latino Latino Latino Latino Latino	Asian Asian Asian Asian Asian Asian Asian
## ## ## ## ## ##	792 793 794 795 796 797 798 799	Male Male Male Male Male Male Male Male	Not Not Not Not Not Not Not	Hispanic Hispanic Hispanic Hispanic Hispanic Hispanic Hispanic Hispanic	or or or or or or or	Latino	Asian Asian Asian Asian Asian Asian Asian Asian
## ## ## ## ## ##	792 793 794 795 796 797 798 799 800 801	Male Male Male Male Male Male Male Male	Not Not Not Not Not Not Not Not	Hispanic Hispanic Hispanic Hispanic Hispanic Hispanic Hispanic Hispanic Hispanic	or or or or or or or	Latino	Asian Asian Asian Asian Asian Asian Asian Asian Asian
## ## ## ## ## ## ##	792 793 794 795 796 797 798 799 800 801 802	Male Male Male Male Male Male Male Male	Not Not Not Not Not Not Not Not	Hispanic	or or or or or or or or	Latino	Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian
## ## ## ## ## ## ## ##	792 793 794 795 796 797 798 799 800 801 802 803	Male Male Male Male Male Male Male Male	Not Not Not Not Not Not Not Not Not	Hispanic	or or or or or or or	Latino	Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian
## ## ## ## ## ## ##	792 793 794 795 796 797 798 799 800 801 802 803 804	Male Male Male Male Male Male Male Male	Not	Hispanic	or	Latino	Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian
## ## ## ## ## ## ## ##	792 793 794 795 796 797 798 799 800 801 802 803 804 805	Male Male Male Male Male Male Male Male	Not	Hispanic	or	Latino	Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian
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## ## ## ## ## ## ## ## ## ##	792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807	Male Male Male Male Male Male Male Male	Not	Hispanic	or o	Latino	Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian
######################################	792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808	Male Male Male Male Male Male Male Male	Not	Hispanic	or o	Latino	Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian Asian
## ## ## ## ## ## ## ## ## ##	792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808	Male Male Male Male Male Male Male Male	Not	Hispanic	or o	Latino	Asian
## ###################################	792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810	Male Male Male Male Male Male Male Male	Not	Hispanic	or o	Latino	Asian
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##########################	792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814	Male Male Male Male Male Male Male Male	Not	Hispanic	or o	Latino	Asian
#############################	792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813	Male Male Male Male Male Male Male Male	Not	Hispanic	or o	Latino	Asian

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##	846	Male	Not	${\tt Hispanic}$	or	Latino	Asian
##	847	Male	Not	${\tt Hispanic}$	or	Latino	Asian
##	848	Male	Not	Hispanic	or	Latino	Asian
##	849	Male	Not	Hispanic	or	Latino	Asian
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	857 858			Hispanic			Asian Asian
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	867			Hispanic			Asian
##	868			Hispanic			Asian
##	869			Hispanic			Asian
##	870	Male	Not	Hispanic	or	Latino	Asian

##	871	Male	Not	${\tt Hispanic}$	or	Latino	Asian
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##	923			Hispanic			Asian
##	924			Hispanic			Asian
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##	925	Male	Not	Hispanic	or	Latino	Asian
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##	977	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	White
##	978	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	White

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## 979
                Female Not Hispanic or Latino
                                                                  White
## 980
                                                                  White
                Female Not Hispanic or Latino
## 981
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                Female Not Hispanic or Latino
## 982
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## 1025
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## 1026
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                Female Not Hispanic or Latino
## 1027
                                                                   White
## 1028
                Female
                            Hispanic or Latino
                                                     More Than One Race
## 1029
                Female
                                                     More Than One Race
                            Hispanic or Latino
## 1030
                                                     More Than One Race
                Female
                            Hispanic or Latino
## 1031
                Female
                            Hispanic or Latino
                                                     More Than One Race
## 1032
                Female
                                                     More Than One Race
                            Hispanic or Latino
```

##	1033	Female	${\tt Hispanic}$	or	Latino	More	Than	One	Race
	1034	Female	Hispanic				Than		
	1035	Female	Hispanic				Than		
	1036	Female	Hispanic				Than		
	1037	Female	Hispanic	or	Latino		Than		
	1038	Female	Hispanic	or	Latino	More	Than	One	Race
	1039	Female	Hispanic			More	Than	One	Race
	1040	Female	Hispanic				Than		
	1041	Female	Hispanic				Than		
##	1042	Female	Hispanic				Than		
	1043	Female	Hispanic				Than		
	1044	Female	Hispanic				Than		
	1045	Female	Hispanic				Than		
	1046	Female	Hispanic				Than		
	1047	Female	Hispanic				Than		
	1048	Female	Hispanic				Than		
	1049	Female	Hispanic				Than		
	1050	Female	Hispanic				Than		
	1051	Female	Hispanic				Than		
	1052	Female	Hispanic				Than		
##	1053	Female	Hispanic			More	Than	One	Race
##	1054	Female	Hispanic	or	Latino	More	Than	One	Race
##	1055	Female	Hispanic	or	Latino	More	Than	One	Race
##	1056	Female	Hispanic			More	Than	One	Race
##	1057	Female	Hispanic			More	Than	One	Race
	1058	Female	Hispanic				Than		
	1059	Female	Hispanic				Than		
	1060	Female	Hispanic				Than		
	1061	Female	Hispanic				Than		
	1062	Female	Hispanic				Than		
	1063	Female	Hispanic				Than		
	1064	Female	Hispanic				Than		
	1065	Female	Hispanic				Than		
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	1084	Female	Hispanic				Than		
	1085	Female	Hispanic				Than		
##	1086	Female	Hispanic	or	Latino	More	Than	une	касе

##	1087	Female		${\tt Hispanic}$			Mor	е	Than	One	Race
	1088	Female		Hispanic			Mor	е	Than	One	Race
##	1089	Female		Hispanic			Mor	е	Than	One	Race
	1090	Female		Hispanic					Than		
	1091	Female		Hispanic					Than		
	1092	Female		Hispanic					Than		
	1093	Female		Hispanic					Than		
	1094	Female		Hispanic					Than		
	1095	Female		Hispanic				_	Than		
	1096	Female		Hispanic					Than		
	1097	Female		Hispanic					Than		
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	1099	Female		Hispanic					Than		
	1100	Female		Hispanic					Than		
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	1102	Female		Hispanic					Than		
	1103	Female		Hispanic					Than		
	1104 1105	Female Female		Hispanic					Than Than		
	1106	Female		Hispanic Hispanic					Than	_	
	1107		No+	Hispanic			rioi	. C	Illali		Asian
	1107			Hispanic						-	Asian
	1109			Hispanic						-	Asian
	1110			Hispanic						-	Asian
	1111			Hispanic						_	Asian
	1112			Hispanic						_	Asian
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##	1118			Hispanic						I	Asian
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##	1121	Male	Not	Hispanic	or	Latino				I	Asian
##	1122	Male	Not	${\tt Hispanic}$	or	Latino				I	Asian
##	1123	Male	Not	${\tt Hispanic}$	or	Latino				I	Asian
##	1124	Male	Not	${\tt Hispanic}$	or	Latino				I	Asian
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	1127			Hispanic							Asian
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	1139			Hispanic							Asian
##	1140	Male	TOM	Hispanic	or	Latino				I	Asian

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	1196			Hispanic				ite
	1197			Hispanic				ite
	1198			Hispanic				ite
	1199			Hispanic				ite
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	1201			Hispanic				ite
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	1210			Hispanic				ite
	1211 1212			Hispanic				ite
	1212			Hispanic			Whi	ite
	1213			Hispanic				ite
	1214			Hispanic				ite
	1216			Hispanic Hispanic				ite
	1217			Hispanic				ite
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##	1225	Female	Not	Hispanic	or	Latino	Whi	ite
##	1226	Female	Not	Hispanic	or	Latino	Whi	ite
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##	1228	${\tt Female}$	Not	Hispanic	or	Latino	Whi	ite
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	1233			Hispanic				ite
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	1250	Female Not	=			White
	1251	Female Not	-			White
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	1254	Female Not	-			White
	1255	Female Not	_			White
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	1257	Female Not	_			White
	1258	Female Not	-			White
	1259	Female Not	-			White
	1260	Female Not	=			White
	1261	Female Not	_			White
	1262	Female Not				White
##	1263	Female Not	_			White
##	1264	Female Not	Hispanic	or	Latino	White
##	1265	Female		Ţ	Jnknown	White
	1266	Female		Ţ	Jnknown	White
	1267	Female		Ţ	Jnknown	White
##	1268	Female		Ţ	Jnknown	White
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##	1357	Male	Not	Hispanic	or	Latino	Asian
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	1408			Hispanic			Asian
	1409			Hispanic			Asian
##	1410	пате	NOT	Hispanic	OL	rat1110	Asian

##	1411	Male	Not	${\tt Hispanic}$	or	Latino	Asian
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	1463			${\tt Hispanic}$			Asian
##	1464	Male	Not	${\tt Hispanic}$	or	Latino	Asian

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##	1572	Female	Not	Hispanic	or	Latino	White

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	1578			Hispanic						White
	1579			Hispanic						White
	1580			Hispanic						White
	1581	Female	NOU	Hispanic			Moro	Than		
	1582	Female		Hispanic				Than		
	1583	Female		Hispanic				Than		
	1584	Female		Hispanic Hispanic				Than		
	1585	Female		Hispanic				Than		
	1586	Female		Hispanic				Than		
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	1588	Female		Hispanic				Than		
	1589	Female		Hispanic				Than		
	1590	Female		Hispanic				Than		
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	1600	Female		Hispanic			More	Than	One	Race
##	1601	Female		Hispanic			More	Than	One	Race
##	1602	Female		Hispanic			More	Than	One	Race
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##	1609	Female		Hispanic	or	Latino	More	Than	One	Race
##	1610	Female		Hispanic	or	Latino	More	Than	One	Race
##	1611	Female		${\tt Hispanic}$	or	${\tt Latino}$	More	Than	One	Race
##	1612	Female		Hispanic	or	${\tt Latino}$	More	Than	One	Race
##	1613	Female		${\tt Hispanic}$	or	${\tt Latino}$	More	Than	One	Race
##	1614	Female		${\tt Hispanic}$	or	${\tt Latino}$	More	Than	${\tt One}$	Race
##	1615	Female		${\tt Hispanic}$	or	${\tt Latino}$	More	Than	One	Race
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##	1619	Female		Hispanic	or	Latino	More	Than	One	Race
	1620	Female		${\tt Hispanic}$				Than		
	1621	Female		Hispanic				Than		
	1622	Female		Hispanic				Than		
	1623	Female		Hispanic				Than		
	1624	Female		Hispanic				Than		
	1625	Female		Hispanic				Than		
##	1626	Female		Hispanic	or	Latino	More	Than	Une	Kace

	1627	Female		Hispanic				Than		
	1628	Female		Hispanic				Than		
	1629	Female		Hispanic				Than		
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	1660		Not.	Hispanic			11010	, 111011		Asian
	1661			Hispanic						Asian
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##	1677	Male	Not	Hispanic	or	Latino			I	Asian
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##	1681	Male	Not	Hispanic	or	Latino	As	sian
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	1703			Hispanic				sian
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##	1735			Hispanic			Asian
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	1838			Hispanic			White
	1839			Hispanic			White
	1840			Hispanic			White
	1841			Hispanic			White
	1842			Hispanic			White
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	1843			Hispanic				White
	1844			Hispanic				White
##	1845	Female	Not	Hispanic	or	Latino		White
##	1846			Hispanic				White
	1847			Hispanic				White
##	1848			Hispanic				White
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##	1853	Female	Not	Hispanic	or	Latino		White
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##	1856	Female	Not	${\tt Hispanic}$	or	Latino	,	White
##	1857	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino		White
##	1858	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino		White
##	1859	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino		White
##	1860	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino		White
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	1895			Hispanic				White
	1896			Hispanic				White
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	1898	Female	Unknown	White
	1899	Female	Unknown	White
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	1939 1940	Female Female	Unknown Unknown	White White
	1940	Female	Unknown	White
	1941	Female	Unknown	White
	1943 1944	Female Female	Unknown Unknown	White White
	1945	Female	Unknown Unknown	White
	1946	Female		White
	1947 1948	Female Female	Unknown Unknown	White White
	1948	Female	Unknown	White
	1950	Female	Unknown	White
##	1300	Lemare	OHAHOWH	мптсе

	1951	Female				Jnknown	White
	1952	Female				Jnknown	White
	1953	Female				Jnknown	White
	1954	Female				Jnknown	White
	1955	Female				Jnknown	White
	1956	Female				Jnknown	White
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	1969	Female				Jnknown	White
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##	2004	мате	NOT	Hispanic	or	Latino	Asian

	2005			${\tt Hispanic}$			Asian
	2006			Hispanic			Asian
	2007			Hispanic			Asian
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	2057			Hispanic			Asian
##	2058	пате	TOM	Hispanic	or	ratino	Asian

##	2059			${\tt Hispanic}$			Asian
	2060			Hispanic			Asian
##	2061	Male	Not	Hispanic	or	Latino	Asian
	2062			Hispanic			Asian
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##	2064	Male	Not	Hispanic	or	Latino	Asian
##	2065	Male	Not	Hispanic	or	Latino	Asian
##	2066	Male	Not	Hispanic	or	Latino	Asian
##	2067	Male	Not	Hispanic	or	Latino	Asian
##	2068			Hispanic			Asian
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	2078			Hispanic			Asian
##	2079			Hispanic			Asian
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	2109			Hispanic			Asian
	2110			Hispanic			Asian
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##	2112	Male	Not	Hispanic	or	Latino	Asian

##	2113	Male	Not	Hispanic	or	Latino	As	ian
##	2114	Male	Not	${\tt Hispanic}$	or	Latino	As	ian
##	2115	Male	Not	${\tt Hispanic}$	or	Latino	As	ian
##	2116	Male	Not	${\tt Hispanic}$	or	Latino	As	ian
##	2117	Male	Not	${\tt Hispanic}$	or	Latino	As	ian
##	2118	Male	Not	${\tt Hispanic}$	or	Latino	As	ian
##	2119	Male	Not	${\tt Hispanic}$	or	Latino	As	ian
##	2120	Male	Not	Hispanic	or	Latino		ian
	2121			Hispanic				ian
	2122			Hispanic				ian
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	2161			Hispanic				ite
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	2163			Hispanic				ite
	2164			Hispanic				ite
	2165			Hispanic				ite
	2166			Hispanic				ite
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	2167			Hispanic						White
	2168			Hispanic						√hite
	2169			Hispanic						White
	2170			Hispanic						White
	2171			Hispanic						White
	2172			Hispanic						White
	2173			Hispanic						White
	2174			Hispanic						√hite
	2175			Hispanic						White
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	2177			Hispanic						White
	2178			Hispanic						√hite
	2179			Hispanic						√hite
	2180			Hispanic						White
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	2188			Hispanic						White
	2189			Hispanic Hispanic						White
	2190			Hispanic						White
	2191			Hispanic						White
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	2202			Hispanic						√hite
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	2205			Hispanic						White
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##	2208			Hispanic					7	White
##	2209			Hispanic					7	White
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##	2213	Female		Hispanic	or	Latino	More	Than	One	Race
##	2214	Female		Hispanic			More	Than	One	Race
##	2215	Female		Hispanic	or	Latino	More	Than	One	Race
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##	2218	${\tt Female}$		Hispanic	or	Latino	More	Than	One	Race
##	2219	${\tt Female}$		Hispanic	or	Latino	More	Than	One	Race
##	2220	${\tt Female}$		${\tt Hispanic}$	or	Latino	More	Than	One	Race

##	2221	Female	${\tt Hispanic}$	or	Latino	${\tt More}$	Than	One	Race
##	2222	Female	${\tt Hispanic}$	or	Latino	More	Than	One	Race
##	2223	Female	${\tt Hispanic}$	or	Latino	More	Than	One	Race
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##	2242	Female	${\tt Hispanic}$	or	Latino	${\tt More}$	Than	One	Race
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##	2245	Female	Hispanic	or	Latino	More	Than	One	Race
##	2246	Female	Hispanic	or	Latino	More	Than	One	Race
##	2247	Female	Hispanic	or	Latino	More	Than	One	Race
##	2248	Female	${\tt Hispanic}$	or	Latino	${\tt More}$	Than	One	Race
##	2249	Female	Hispanic	or	Latino	${\tt More}$	Than	One	Race
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##	2251	Female	Hispanic	or	Latino	${\tt More}$	Than	One	Race
##	2252	Female	${\tt Hispanic}$	or	Latino	${\tt More}$	Than	One	Race
##	2253	Female	${\tt Hispanic}$	or	Latino	${\tt More}$	Than	One	Race
##	2254	Female	${\tt Hispanic}$	or	Latino	${\tt More}$	Than	One	Race
##	2255	Female	${\tt Hispanic}$	or	Latino	${\tt More}$	Than	One	Race
##	2256	Female	${\tt Hispanic}$	or	Latino	${\tt More}$	Than	One	Race
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##	2274	Female	${\tt Hispanic}$	or	Latino	${\tt More}$	Than	One	Race

##	2275	${\tt Female}$		${\tt Hispanic}$			More	Than	One	Race
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	2291 2292	Female	M - +	Hispanic			More	Than		Kace Asian
	2292			Hispanic					-	Asian
	2294			Hispanic					-	Asian
	2294			Hispanic Hispanic					-	Asian
	2296			Hispanic					_	Asian
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	2299			Hispanic					-	Asian
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	2301			Hispanic					_	Asian
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##	2306	Male	Not	Hispanic	or	Latino			I	Asian
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##	2308	Male	Not	${\tt Hispanic}$	or	Latino			I	Asian
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	2312			Hispanic					I	Asian
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	2322 2323			Hispanic						Asian Asian
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	2328			Hispanic						Asian
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##	2329	Male	Not	Hispanic	or	Latino	Asia	n
##	2330	Male	Not	${\tt Hispanic}$	or	Latino	Asia	n
##	2331	Male	Not	${\tt Hispanic}$	or	${\tt Latino}$	Asia	n
##	2332	Male	Not	${\tt Hispanic}$	or	Latino	Asia	n
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	2337			Hispanic			Asia	n
	2338			Hispanic			Asia	
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##	2359			Hispanic			Asia	n
##	2360			Hispanic			Asia	n
##	2361	Male	Not	Hispanic	or	Latino	Asia	n
##	2362	Male	Not	Hispanic	or	Latino	Asia	n
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##	2364	Male	Not	${\tt Hispanic}$	or	${\tt Latino}$	Asia	n
##	2365	Male	Not	${\tt Hispanic}$	or	${\tt Latino}$	Asia	n
##	2366	Male	Not	${\tt Hispanic}$	or	Latino	Asia	n
##	2367			${\tt Hispanic}$			Asia	n
##	2368			${\tt Hispanic}$			Asia	n
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	2380			Hispanic			Asia	
	2381 2382			Hispanic			Asia Asia	
##	2302	т ещате	NOC	Hispanic	OT	гастио	ASIa	11

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	2383			Hispanic			Asian
	2384			Hispanic			Asian
##	2385	Female	Not	Hispanic	or	Latino	Asian
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##	2397	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	Asian
##	2398	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	Asian
##	2399	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	Asian
##	2400	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	Asian
##	2401	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	Asian
##	2402	${\tt Female}$	Not	Hispanic	or	Latino	Asian
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##	2437	Female	Not	Hispanic	or	Latino	Asian
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##	2442	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	Asian
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##	2488	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	White
##	2489	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	White
##	2490	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	White

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2526			Hispanic			White White
2527			Hispanic			White
2528			Hispanic Hispanic			White
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2530	Female				Jnknown	White
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2540	Female				Jnknown	White
2541	Female				Jnknown	White
2542	Female				Jnknown	White
2543	Female				Jnknown	White
2544	Female				Jnknown	White
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	2583	Female	Unknown	White
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	2585	Female Female	Unknown	White
	2586		Unknown	White
	2587	Female	Unknown	White White
	2588	Female	Unknown	White
	2589	Female Female	Unknown	
	2590	Female	Unknown	White
	2591	Female	Unknown	White
	2592	Female	Unknown	White
	2593		Unknown	White
	2594	Female	Unknown	White
	2595	Female	Unknown	White
	2596	Female	Unknown	White
	2597	Female	Unknown	White
##	2598	Female	Unknown	White

##	2599	Female			Ţ	Jnknown	White
##	2600	Female			Ţ	Jnknown	White
##	2601	Female			Ţ	Jnknown	White
##	2602	${\tt Female}$			Ţ	Jnknown	White
##	2603	${\tt Female}$			Ţ	Jnknown	White
##	2604	${\tt Female}$			Ţ	Jnknown	White
	2605	Female			Ţ	Jnknown	White
	2606	Female				Jnknown	White
	2607	Female				Jnknown	White
	2608			Hispanic			Asian
	2609			Hispanic			Asian
	2610			Hispanic			Asian
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##	2635	Male	Not	Hispanic	or	${\tt Latino}$	Asian
##	2636	Male	Not	${\tt Hispanic}$	or	${\tt Latino}$	Asian
##	2637	Male	Not	${\tt Hispanic}$	or	${\tt Latino}$	Asian
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##	2640			${\tt Hispanic}$			Asian
	2641			${\tt Hispanic}$			Asian
	2642			Hispanic			Asian
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##	2652	пате	NOT	Hispanic	OI.	ratill0	Asian

##	2653	Male	Not	${\tt Hispanic}$	or	Latino	Asian
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	2704			Hispanic			Asian
	2705			Hispanic			Asian
##	2706	мате	Not	Hispanic	or	Latino	Asian

##	2707	Male	Not	${\tt Hispanic}$	or	${\tt Latino}$	Asian
##	2708	Male	Not	${\tt Hispanic}$	or	Latino	Asian
##	2709	Male	Not	${\tt Hispanic}$	or	Latino	Asian
##	2710	Male	Not	Hispanic	or	Latino	Asian
##	2711	Male	Not	Hispanic	or	Latino	Asian
##	2712	Male	Not	Hispanic	or	Latino	Asian
##	2713	Male	Not	Hispanic	or	Latino	Asian
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##	2743	Male	Not	Hispanic	or	Latino	Asian
##	2744	Male	Not	Hispanic	or	Latino	Asian
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##	2746	Male	Not	${\tt Hispanic}$	or	${\tt Latino}$	Asian
##	2747	Male	Not	${\tt Hispanic}$	or	${\tt Latino}$	Asian
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	2749			${\tt Hispanic}$			Asian
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	2759			Hispanic			Asian
##	2760	пате	NOT	Hispanic	OL	rat1110	Asian

	0704					<b>.</b>	,	
	2761			Hispanic				Asian
	2762			Hispanic				Asian
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	2812			Hispanic				White
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	2815			Hispanic					White
	2816			Hispanic					√hite
	2817			Hispanic					√hite
	2818			Hispanic					√hite
	2819			Hispanic					√hite
	2820			Hispanic					√hite
	2821			Hispanic					√hite
	2822			Hispanic					√hite
	2823			Hispanic					√hite
	2824			Hispanic					√hite
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	2826			Hispanic					√hite
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	2837			Hispanic					√hite
	2838			Hispanic					√hite
	2839			Hispanic					√hite
	2840			Hispanic					White
	2841 2842			Hispanic					White
	2843			Hispanic					White
	2844			Hispanic					√hite √hite
	2845	Female	NOU	Hispanic Hispanic		Moro	Than		
	2846	Female		=			Than		
	2847	Female		Hispanic Hispanic			Than		
	2848	Female		Hispanic			Than		
	2849	Female		Hispanic			Than		
	2850	Female		Hispanic			Than		
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	2855	Female		Hispanic			Than		
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##	2857	Female		Hispanic		More	Than	One	Race
	2858	Female		Hispanic			Than		
	2859	Female		Hispanic			Than		
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##	2861	Female		Hispanic		More	Than	One	Race
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##	2864	Female		Hispanic			Than		
##	2865	Female		Hispanic		More	Than	One	Race
##	2866	Female		Hispanic		More	Than	One	Race
##	2867	Female		Hispanic		More	Than	One	Race
##	2868	Female		Hispanic		More	Than	One	Race

##	2869	Female	Hispanic	or	Latino	More	Than	One	Race
##	2870	Female	Hispanic	or	Latino	More	Than	One	Race
##	2871	Female	Hispanic	or	Latino	More	Than	One	Race
##	2872	Female	Hispanic	or	Latino	More	Than	One	Race
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##	2900	Female	Hispanic				Than		
##	2901	Female	Hispanic				Than		
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	2911	Female	Hispanic				Than		
	2912	Female	Hispanic				Than		
	2913	Female	Hispanic				Than		
	2914	Female	Hispanic				Than		
	2915	Female	Hispanic				Than		
	2916	Female	Hispanic				Than		
	2917	Female	Hispanic				Than		
	2918	Female	Hispanic				Than		
	2919	Female	Hispanic				Than		
	2920	Female	Hispanic				Than		
	2921	Female	Hispanic				Than		
	2922	Female	Hispanic				Than		
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##	2923	Female		Hispanic	or	Latino	More	Than	One Race
	2924		Not.	Hispanic					Asian
	2925			Hispanic					Asian
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##	2976	Male	Not	Hispanic	or	Latino			Asian

	2977			Hispanic			Asian
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	3028 3029			Hispanic			Asian
				Hispanic			Asian Asian
##	3030	т. ещате	NOC	Hispanic	01	Lacillo	HETGH

##	3031			Hispanic			Asian
##	3032	Female	Not	Hispanic	or	Latino	Asian
##	3033	Female	Not	Hispanic	or	Latino	Asian
##	3034			Hispanic			Asian
##	3035			Hispanic			Asian
##	3036	Female	Not	${\tt Hispanic}$	or	Latino	Asian
##	3037	Female	Not	Hispanic	or	Latino	Asian
##	3038	Female	Not	Hispanic	or	Latino	Asian
##	3039	Female	Not	${\tt Hispanic}$	or	Latino	Asian
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##	3041	Female	Not	${\tt Hispanic}$	or	Latino	Asian
##	3042	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	Asian
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##	3044	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	Asian
##	3045	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	Asian
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##	3047	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	Asian
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	3082			Hispanic			White
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	3084			Hispanic			White
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##	3085			Hispanic			White
##	3086	Female	Not	Hispanic	or	Latino	White
##	3087	${\tt Female}$	Not	Hispanic	or	Latino	White
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##	3135	${\tt Female}$	Not	Hispanic	or	Latino	White
##	3136	${\tt Female}$	Not	Hispanic	or	Latino	White
##	3137	Female	Not	Hispanic	or	Latino	White
##	3138	Female	Not	Hispanic	or	Latino	White

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3192	Female		Jnknown	White

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	3193	Female		Unknown		White
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	3195	Female		Unknown		White
	3196	Female		Unknowr		White
	3197	Female		Unknowr		White
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	3233	Female		Unknowr	1	White
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	3235	Female		Unknown		White
	3236	Female		Unknown		White
	3237	Female		Unknown		White
	3238	Female		Unknown		White
	3239	Female		Unknown		White
	3240		t Hispanic			Asian
	3241		t Hispanic			Asian
	3242		t Hispanic			Asian
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	3244		t Hispanic t Hispanic			Asian
	3245		t Hispanic t Hispanic			Asian
	3246		t Hispanic ot Hispanic			Asian
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##	3247			Hispanic			Asian
##	3248			Hispanic			Asian
##	3249	Male	Not	Hispanic	or	Latino	Asian
	3250			Hispanic			Asian
	3251	Male	Not	Hispanic	or	Latino	Asian
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	3270			Hispanic Hispanic			Asian
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	3298 3299			Hispanic			Asian
	3300			Hispanic Hispanic			Asian Asian
##	5500	пате	MOL	птећантс	OI	ra o TIIO	ASIAN

##	3301	Male	Not	Hispanic	or	Latino	Asian
##	3302	Male	Not	Hispanic	or	Latino	Asian
##	3303	Male	Not	Hispanic	or	Latino	Asian
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	3355	Male	Not	Hispanic	or	Latino	Asian
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##	3408	remale	Not	Hispanic	or	Latino	White

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	3463			Hispanic						√hite
	3464			Hispanic						Vhite
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	3474			Hispanic						Vhite
	3475			Hispanic						Vhite
	3476		Not	Hispanic				_		√hite -
	3477	Female		Hispanic				Than		
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	3510	Female		Hispanic				Than		
	3511	Female		Hispanic				Than		
	3512	Female		Hispanic				Than		
	3513	Female		Hispanic				Than		
	3514	Female		Hispanic				Than		
	3515	Female		Hispanic				Than		
##	3516	Female		Hispanic	or	Latino	More	Than	One	Race

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	3517	Female		Hispanic				Than		
	3518	Female		Hispanic				Than		
	3519	Female		Hispanic				Than		
	3520	Female		Hispanic				Than		
	3521	Female		Hispanic				Than		
	3522	Female		Hispanic				Than		
	3523	Female		Hispanic				Than		
	3524	Female		Hispanic				Than		
	3525	Female		Hispanic				Than		
	3526	Female		Hispanic				Than		
	3527	Female		Hispanic				Than		
	3528	Female		Hispanic				Than		
	3529	Female		Hispanic			More	Than	One	Race
##	3530	Female		Hispanic			More	Than	One	Race
##	3531	Female		Hispanic	or	Latino	More	Than	One	Race
##	3532	Female		Hispanic	or	Latino	More	Than	One	Race
##	3533	Female		Hispanic	or	Latino	More	Than	One	Race
##	3534	Female		${\tt Hispanic}$	or	Latino	More	Than	One	Race
##	3535	Female		${\tt Hispanic}$	or	Latino	More	Than	One	Race
##	3536	${\tt Female}$		${\tt Hispanic}$	or	Latino	More	Than	One	Race
##	3537	${\tt Female}$		Hispanic	or	Latino	More	Than	One	Race
##	3538	${\tt Female}$		${\tt Hispanic}$	or	${\tt Latino}$	More	Than	One	Race
##	3539	${\tt Female}$		Hispanic	or	${\tt Latino}$	More	Than	One	Race
##	3540	${\tt Female}$		Hispanic	or	Latino	More	Than	One	Race
##	3541	${\tt Female}$		Hispanic	or	Latino	More	Than	One	Race
##	3542	Female		Hispanic	or	Latino	More	Than	One	Race
##	3543	${\tt Female}$		Hispanic	or	Latino	More	Than	One	Race
##	3544	${\tt Female}$		Hispanic	or	Latino	More	Than	One	Race
##	3545	Female		Hispanic	or	Latino	More	Than	One	Race
##	3546	Female		Hispanic	or	Latino	More	Than	One	Race
##	3547	Female		Hispanic	or	Latino	More	Than	One	Race
##	3548	Female		Hispanic	or	Latino	More	Than	One	Race
##	3549	Female		Hispanic	or	Latino	More	Than	One	Race
##	3550	Female		Hispanic	or	Latino	More	Than	One	Race
##	3551	Female		Hispanic	or	Latino	More	Than	One	Race
##	3552	Female		Hispanic	or	Latino	More	Than	One	Race
##	3553	Female		Hispanic	or	Latino	More	Than	One	Race
##	3554	Female		Hispanic			More	Than	One	Race
##	3555	Female		Hispanic	or	Latino	More	Than	One	Race
##	3556	Male	Not	Hispanic					I	Asian
##	3557	Male	Not	Hispanic	or	Latino			I	Asian
##	3558			Hispanic					I	Asian
##	3559			Hispanic					I	Asian
##	3560			Hispanic					I	Asian
	3561			Hispanic					I	Asian
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	3569			Hispanic						Asian
	3570			Hispanic						Asian
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##	3571	Male	Not	${\tt Hispanic}$	or	${\tt Latino}$	Asian
##	3572	Male	Not	${\tt Hispanic}$	or	Latino	Asian
##	3573	Male	Not	${\tt Hispanic}$	or	Latino	Asian
##	3574	Male	Not	Hispanic	or	Latino	Asian
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	3593 3594			Hispanic			Asian Asian
	3595			Hispanic Hispanic			Asian
	3596			Hispanic			Asian
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##	3602			Hispanic			Asian
##	3603			Hispanic			Asian
##	3604	Male	Not	Hispanic	or	Latino	Asian
##	3605	Male	Not	Hispanic	or	Latino	Asian
##	3606	Male	Not	Hispanic	or	Latino	Asian
##	3607	Male	Not	Hispanic	or	Latino	Asian
##	3608	Male	Not	${\tt Hispanic}$	or	${\tt Latino}$	Asian
##	3609	Male	Not	${\tt Hispanic}$	or	Latino	Asian
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	3611	Male	Not	${\tt Hispanic}$	or	Latino	Asian
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	3621			Hispanic			Asian
	3622			Hispanic			Asian
	3623			Hispanic			Asian Asian
##	3624	пате	NOT	Hispanic	OI.	Lat1110	Aslan

##	3625	Male	Not	Hispanic	or	Latino	As	sian
##	3626	Male	Not	${\tt Hispanic}$	or	${\tt Latino}$	As	sian
##	3627	Male	Not	${\tt Hispanic}$	or	Latino	As	sian
##	3628	Male	Not	${\tt Hispanic}$	or	Latino	As	sian
	3629	Male	Not	${\tt Hispanic}$	or	Latino	As	sian
##	3630	Male	Not	Hispanic	or	Latino		sian
##	3631	Male	Not	Hispanic	or	Latino		sian
	3632	Male	Not	Hispanic	or	Latino		sian
	3633			Hispanic			As	sian
	3634			Hispanic			As	sian
	3635			Hispanic				sian
	3636			Hispanic				sian
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	3642			Hispanic				sian
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	3656			Hispanic				sian
	3657			Hispanic Hispanic				sian
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	3677			Hispanic			As	sian
##	3678			Hispanic			As	sian

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##	3680	Female	Not	Hispanic	or	Latino	Asian
	3681	Female	Not	Hispanic	or	Latino	Asian
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	3683			Hispanic			Asian
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	3729			Hispanic			White
##	3730			Hispanic			White
##	3731			Hispanic			White
##	3732	Female	Not	Hispanic	or	Latino	White

##	3733	Female	Not	Hispanic	or	Latino	W	hite
##	3734			Hispanic			W	hite
##	3735			Hispanic			W	hite
##	3736			Hispanic			W	hite
##	3737			Hispanic			W	hite
##	3738			Hispanic			W	hite
##	3739	Female	Not	Hispanic	or	Latino	W	hite
##	3740	Female	Not	Hispanic	or	Latino	W	hite
##	3741	${\tt Female}$	Not	Hispanic	or	Latino	W	hite
##	3742	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	W	hite
##	3743	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	W	hite
##	3744	Female	Not	${\tt Hispanic}$	or	Latino	W	hite
##	3745			Hispanic			W	hite
##	3746			${\tt Hispanic}$			W	hite
	3747			${\tt Hispanic}$				hite
	3748			${\tt Hispanic}$				hite
	3749			Hispanic				hite
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##	3772			Hispanic			W	hite
##	3773			Hispanic			W	hite
##	3774			Hispanic			W	hite
##	3775	Female	Not	Hispanic	or	Latino	W	hite
##	3776	Female	Not	Hispanic	or	Latino	W	hite
##	3777	${\tt Female}$	Not	Hispanic	or	Latino	W	hite
##	3778	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	W	hite
##	3779	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	W	hite
##	3780	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	W	hite
##	3781			${\tt Hispanic}$			W	hite
##	3782	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	W	hite
	3783			${\tt Hispanic}$			W	hite
	3784			${\tt Hispanic}$			W	hite
	3785			Hispanic				hite
##	3786	Female	Not	Hispanic	or	Latino	W	hite

	3787	Female Not				White
	3788	Female Not				White
	3789	Female Not	_			White
	3790	Female Not	_			White
	3791	Female Not	_			White
	3792	Female Not	Hispanic			White
	3793	Female			Jnknown	White
	3794	Female			Jnknown	White
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	3797	Female			Jnknown	White
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	3799	Female			Jnknown	White
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##	3801	Female			Jnknown	White
##	3802	Female Female			Jnknown	White
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	3805	Female Female			Jnknown Jnknown	White White
	3806	Female			Jnknown Jnknown	White
	3807	Female			Jnknown	White
	3808	Female			Jnknown	White
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##	3840	Female		ι	Jnknown	White

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	3841	Female				Jnknown	White
	3842	Female				Jnknown	White
	3843	Female				Jnknown	White
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##	3869	Female			Ţ	Jnknown	White
##	3870	Female			Ţ	Jnknown	White
##	3871	Female			Ţ	Jnknown	White
##	3872	Male	Not	Hispanic	or	Latino	Asian
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	3888			Hispanic			Asian
	3889			Hispanic			Asian
	3890			Hispanic			Asian
				-			
##	3891	Male	Not	Hispanic	or	Latino	Asian
				Hispanic Hispanic			Asian
##	3892	Male	Not	Hispanic	or	Latino	Asian
## ##		Male Male	Not Not	-	or or	Latino Latino	

##	3895	Male	Not	Hispanic	or	Latino	Asia	n
##	3896	Male	Not	${\tt Hispanic}$	or	Latino	Asia	n
##	3897	Male	Not	${\tt Hispanic}$	or	Latino	Asia	n
##	3898	Male	Not	${\tt Hispanic}$	or	Latino	Asia	n
##	3899	Male	Not	${\tt Hispanic}$	or	Latino	Asia	n
##	3900	Male	Not	${\tt Hispanic}$	or	Latino	Asia	n
##	3901	Male	Not	${\tt Hispanic}$	or	Latino	Asia	n
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	3903	Male	Not	${\tt Hispanic}$	or	Latino	Asia	n
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##	3948			Hispanic			Asia	n

##	3949	Male	Not	Hispanic	or	Latino	Asi	an
##	3950	Male	Not	Hispanic	or	${\tt Latino}$	Asi	an
##	3951	Male	Not	${\tt Hispanic}$	or	${\tt Latino}$	Asi	an
##	3952	Male	Not	${\tt Hispanic}$	or	Latino	Asi	an
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##	4003	Male	Not	Hispanic	or	Latino	A	sian
##	4004	Male	Not	${\tt Hispanic}$	or	Latino	A	sian
##	4005	Male	Not	${\tt Hispanic}$	or	Latino	A	sian
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##	4007	Male	Not	${\tt Hispanic}$	or	Latino		sian
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##	4034	${\tt Female}$	Not	${\tt Hispanic}$	or	Latino	W	hite
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##	4038	Female	Not	${\tt Hispanic}$	or	Latino	W	hite
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##	4115	Female	Hispanic	or	Latino	More	Than	One	Race
##	4116	Female	Hispanic	or	Latino	More	Than	One	Race
##	4117	Female	Hispanic	or	Latino	More	Than	One	Race
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##	4164	Female	Hispanic	or	Latino	More	Than	Une	касе

##	4165	${\tt Female}$		${\tt Hispanic}$			Mo	re	Than	One	Race
##	4166	Female		Hispanic	or	Latino	Mo	re	Than	One	Race
##	4167	Female		Hispanic			Mo	re	Than	One	Race
##	4168	Female		Hispanic	or	Latino	Mo	re	Than	One	Race
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##	4171	Female		${\tt Hispanic}$	or	Latino	Mo	re	Than	One	Race
##	4172	Female		${\tt Hispanic}$	or	Latino	Mo	re	Than	One	Race
##	4173	Female		${\tt Hispanic}$	or	Latino	Mo	re	Than	One	Race
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##	4177	Female		Hispanic			Mo	re	Than	One	Race
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##	4188	Male	Not	${\tt Hispanic}$	or	Latino				I	Asian
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                          2016-09-12 2020 dataset
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                          2016-09-12 2020 dataset
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    [ reached 'max' / getOption("max.print") -- omitted 27412 rows ]
```

Q11. How many specimens (i.e. entries in abdata) do we have for each isotype?

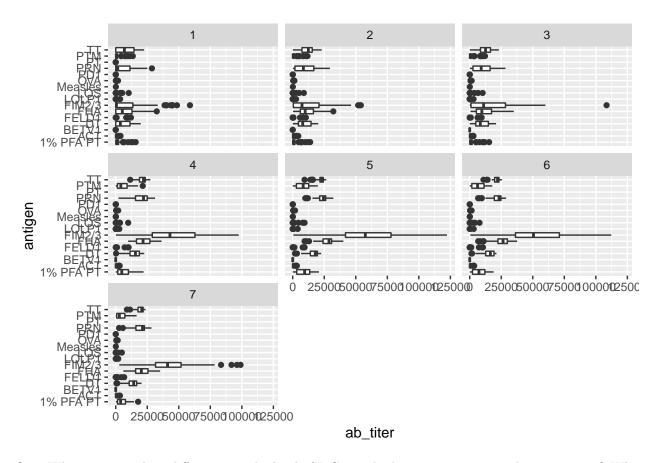
## table(abdata\$isotype)

Q12. What do you notice about the number of visit 8 specimens compared to other visits?

## table(abdata\$visit) ## ## 1 2 3 4 5 6 8 ## 5795 4640 4640 4640 4640 4320 3920 80 ig1 <- abdata %>% filter(isotype == "IgG1", visit!=8) head(ig1) specimen\_id isotype is\_antigen\_specific antigen ab titer unit ## 1 TRUE ACT 274.355068 IU/ML 1 IgG1 ## 2 1 IgG1 TRUE LOS 10.974026 IU/ML ## 3 FELD1 1 IgG1 TRUE 1.448796 IU/ML ## 4 1 TRUE BETV1 0.100000 IU/ML IgG1 ## 5 LOLP1 0.100000 IU/ML 1 IgG1 TRUE ## 6 1 IgG1 TRUE Measles 36.277417 IU/ML ## lower\_limit\_of\_detection subject\_id actual\_day\_relative\_to\_boost ## 1 3.848750 1 -3 ## 2 4.357917 1 -3 ## 3 2.699944 -3 1 -3 ## 4 1.734784 1 ## 5 2.550606 1 -3 -3 ## 6 4.438966 1 ## planned\_day\_relative\_to\_boost specimen\_type visit infancy\_vac biological\_sex ## 1 0 Blood 1 wP Female ## 2 0 Blood Female 1 wP ## 3 Female 0 Blood wP ## 4 0 Blood wP Female 1 0 ## 5 Blood wΡ Female ## 6 0 Blood wP Female 1 ## ethnicity race year\_of\_birth date\_of\_boost study\_name ## 1 Not Hispanic or Latino White 1986-01-01 2016-09-12 2020\_dataset ## 2 Not Hispanic or Latino White 1986-01-01 2016-09-12 2020\_dataset 2016-09-12 2020\_dataset ## 3 Not Hispanic or Latino White 1986-01-01 ## 4 Not Hispanic or Latino White 1986-01-01 2016-09-12 2020\_dataset ## 5 Not Hispanic or Latino White 1986-01-01 2016-09-12 2020\_dataset ## 6 Not Hispanic or Latino White 1986-01-01 2016-09-12 2020 dataset

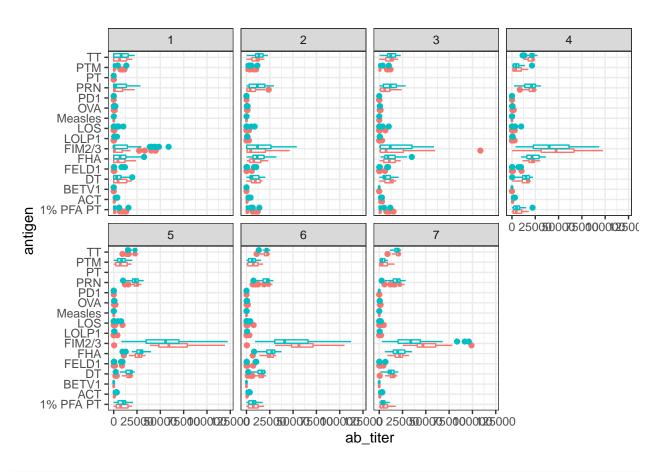
Q13. Complete the following code to make a summary boxplot of Ab titer levels for all antigens:

```
ggplot(ig1) +
  aes(ab_titer, antigen) +
  geom_boxplot() +
  facet_wrap(vars(visit), nrow=3)
```

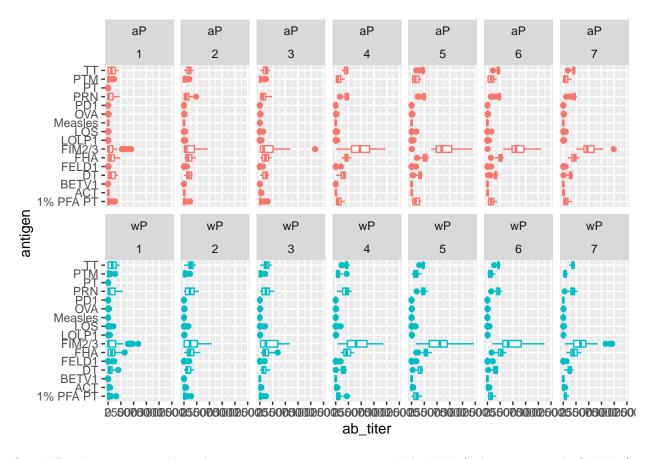


Q14. What antigens show differences in the level of IgG1 antibody titers recognizing them over time? Why these and not others?

```
ggplot(ig1) +
  aes(ab_titer, antigen, col=infancy_vac ) +
  geom_boxplot(show.legend = FALSE) +
  facet_wrap(vars(visit), nrow=2) +
  theme_bw()
```



```
ggplot(ig1) +
aes(ab_titer, antigen, col=infancy_vac ) +
geom_boxplot(show.legend = FALSE) +
facet_wrap(vars(infancy_vac, visit), nrow=2)
```



- Q16. What do you notice about these two antigens time courses and the FIM2/3 data in particular? FIM2/3 level rise over time, exceed those of Measles.
- Q17. Do you see any clear difference in aP vs. wP responses?
- Q18. Make a plot of the time course of gene expression for IGHG1 gene (i.e. a plot of visit vs. tpm)

## Obtaining CMI-PB RNASeq data

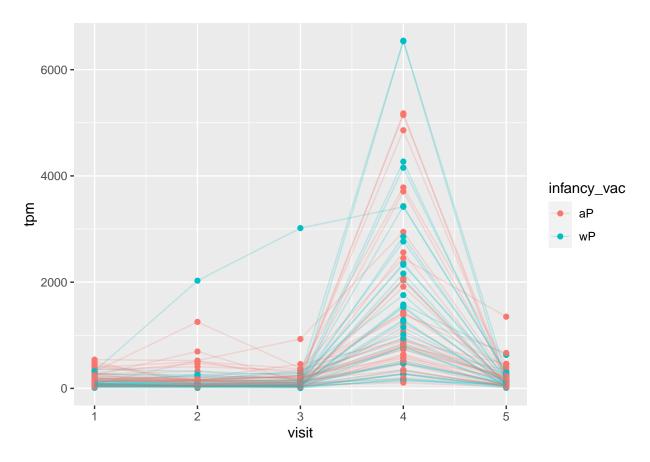
```
url <- "https://www.cmi-pb.org/api/v2/rnaseq?versioned_ensembl_gene_id=eq.ENSG00000211896.7"
rna <- read_json(url, simplifyVector = TRUE)

#meta <- inner_join(specimen, subject)
ssrna <- inner_join(rna, meta)

## Joining, by = "specimen_id"</pre>
```

Q18. Make a plot of the time course of gene expression for IGHG1 gene (i.e. a plot of visit vs. tpm).

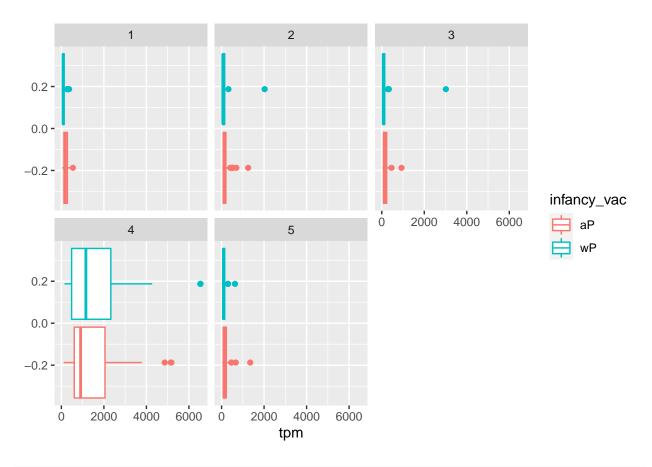
```
ggplot(ssrna) +
  aes(visit, tpm, group=subject_id, color=infancy_vac) +
  geom_point() +
  geom_line(alpha=0.2)
```



Q19.: What do you notice about the expression of this gene (i.e. when is it at it's maximum level)? At 4th visit there is a surge and it quickly vanish out by the 5th visit

Q20. Does this pattern in time match the trend of antibody titer data? If not, why not?

```
ggplot(ssrna) +
  aes(tpm, col=infancy_vac) +
  geom_boxplot() +
  facet_wrap(vars(visit))
```



```
ssrna %>%
filter(visit==4) %>%
ggplot() +
  aes(tpm, col=infancy_vac) + geom_density() +
  geom_rug()
```

