

## Detail Report

### Sample Concentration

Sample ID	A4.II-1b	A5.II-6	A6.TNF-a	A7.IP-10	A8.II-29	A10.II-8	B2.II-12p70	B3.IFN-a2	B4.II-28A/B	B5.GM-CSF	B6.IFN-b	B7.II-10	B9.IFN-y
	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml
Sample01	<2.65	<1.62	<2.67	12.02	<9.53	6.68	<1.29	<3.26	<27.21	<1.93	<3.27	<1.78	<2.56
Sample02	568.05	841.84	5810.04	11298.89	45.32	>13542.83	2.38	16.49	49.27	326.05	16.86	2018.00	>13595.44
Sample03	179.94	342.03	524.75	10691.17	16.15	>13542.83	<1.29	9.80	<27.21	696.31	9.93	360.26	>13595.44
Sample04	8.19	34.35	3.21	1194.74	<9.53	1952.45	<1.29	<3.26	<27.21	183.75	<3.27	12.01	2515.06
Sample05	<2.65	9.83	3.54	393.82	<9.53	355.70	<1.29	<3.26	<27.21	334.38	<3.27	6.76	855.89
Sample06	889.25	1555.18	8528.24	11492.27	19.83	>13542.83	2.03	9.94	<27.21	623.52	12.00	2561.89	>13595.44
Sample07	252.21	503.43	543.25	5368.96	<9.53	10567.08	<1.29	6.68	<27.21	782.56	7.48	462.53	>13595.44
Sample08	14.25	48.80	5.13	1407.65	12.58	4872.18	<1.29	<3.26	<27.21	218.82	<3.27	14.90	4827.01
Sample09	<2.65	11.89	2.97	382.35	<9.53	850.42	<1.29	<3.26	<27.21	276.97	<3.27	8.27	1251.42
Sample10	<2.65	<1.62	<2.67	<6.52	<9.53	3.31	<1.29	<3.26	<27.21	<1.93	<3.27	<1.78	<2.56
Sample11	2414.32	5605.93	3829.86	11605.42	16.92	>13542.83	<1.29	15.38	<27.21	189.29	13.32	3981.51	>13595.44
Sample12	595.79	2130.86	328.12	10915.66	<9.53	>13542.83	<1.29	9.66	<27.21	480.77	7.67	707.85	>13595.44
Sample13	44.94	196.52	3.93	1322.31	<9.53	4423.42	<1.29	<3.26	<27.21	297.59	<3.27	41.15	3151.54
Sample14	<2.65	51.72	16.81	525.78	<9.53	882.05	<1.29	<3.26	<27.21	864.50	<3.27	42.49	2355.75
Sample15	3400.81	7127.55	9430.99	11574.69	25.16	>13542.83	1.39	12.92	<27.21	341.26	13.75	4006.78	>13595.44
Sample16	940.58	2856.91	763.83	10933.81	<9.53	>13542.83	<1.29	12.56	<27.21	712.30	9.96	681.33	>13595.44
Sample17	54.35	223.44	6.37	1431.89	<9.53	8631.25	<1.29	<3.26	<27.21	352.03	<3.27	26.68	5016.89
Sample18	<2.65	46.92	4.74	418.86	<9.53	1253.76	<1.29	<3.26	<27.21	596.33	<3.27	21.58	2207.65
Sample19	<2.65	<1.62	<2.67	<6.52	<9.53	<2.69	<1.29	<3.26	<27.21	<1.93	<3.27	<1.78	<2.56
Sample20	1934.94	2847.42	>12757.99	11246.41	25.05	>13542.83	5.10	11.99	<27.21	1214.03	13.32	4470.76	>13595.44

## Detail Report

Sample ID	A4.II-1b	A5.II-6	A6.TNF-a	A7.IP-10	A8.II-29	A10.II-8	B2.II-12p70	B3.IFN-a2	B4.II-28A/B	B5.GM-CSF	B6.IFN-b	B7.II-10	B9.IFN-y
	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml	pg/ml
Sample21	332.49	732.79	762.26	5005.05	17.43	>13542.83	<1.29	9.63	<27.21	1070.63	7.70	433.95	>13595.44
Sample22	54.20	133.65	17.12	1083.36	<9.53	8455.15	<1.29	<3.26	<27.21	371.71	<3.27	38.43	>13595.44
Sample23	5.76	34.55	4.33	439.12	<9.53	1496.52	<1.29	<3.26	<27.21	281.48	<3.27	5.95	4789.58
Sample24	3891.12	7284.30	>12757.99	10791.99	106.66	>13542.83	10.98	19.22	<27.21	4923.26	24.29	2996.12	>13595.44
Sample25	775.73	2158.17	1888.71	2931.66	189.55	>13542.83	1.43	17.35	<27.21	2341.97	10.94	411.36	>13595.44
Sample26	234.08	754.34	184.47	1713.94	66.14	>13542.83	<1.29	13.69	33.73	1054.66	9.16	65.31	>13595.44
Sample27	27.80	142.06	10.22	437.23	9.69	11854.53	<1.29	<3.26	<27.21	407.42	<3.27	6.75	>13595.44
Sample28	<2.65	<1.62	<2.67	<6.52	<9.53	3.27	<1.29	<3.26	<27.21	<1.93	<3.27	<1.78	<2.56
Sample29	198.76	1320.82	5652.01	11460.33	36.49	>13542.83	2.21	11.34	<27.21	1064.06	10.91	5188.40	>13595.44
Sample30	66.42	451.45	367.24	8329.03	260.09	>13542.83	<1.29	25.45	<27.21	995.53	7.48	602.97	>13595.44
Sample31	<2.65	62.60	3.67	972.98	70.80	2953.12	<1.29	<3.26	<27.21	215.76	<3.27	42.73	7556.96
Sample32	<2.65	32.33	<2.67	377.61	103.23	492.27	<1.29	<3.26	<27.21	145.91	<3.27	6.62	2309.21
Sample33	203.31	1214.50	5627.84	9369.44	33.46	>13542.83	1.56	7.54	<27.21	1196.30	7.13	3622.37	>13595.44
Sample34	44.55	307.62	257.89	3140.96	109.00	>13542.83	<1.29	9.27	<27.21	1050.80	5.06	260.87	>13595.44
Sample35	<2.65	58.30	6.83	555.15	34.98	4687.31	<1.29	<3.26	<27.21	332.24	<3.27	21.94	6612.72
Sample36	<2.65	19.58	<2.67	124.14	38.39	480.55	<1.29	<3.26	<27.21	197.49	<3.27	5.22	1548.80
Sample37	6.82	51.18	2.80	295.49	<9.53	4168.47	<1.29	<3.26	<27.21	226.97	<3.27	3.34	7587.63
Sample38	<2.65	3.48	<2.67	245.52	<9.53	312.59	<1.29	<3.26	<27.21	179.87	<3.27	3.58	551.21
Sample39	<2.65	26.92	5.19	336.01	<9.53	702.46	<1.29	<3.26	<27.21	509.82	<3.27	20.56	1534.62

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

## A4.II-1b

5-P.log(5,73, 14,06, 0,84, 5,95, 0,47)

Chi=0.057%, CV=1.19%, R<sup>2</sup>=1, DC=(2.65, 15649)

Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	300.00	NAN	273.50	NAN	13.7%	
		247.00	NAN				
C1	2.44	385.00	4.91	358.50	3.09	10.45%	126.74%
		332.00	<2.65				
C2	9.77	369.00	3.81	455.50	9.65	26.86%	98.81%
		542.00	15.11				
C3	39.06	975.00	37.51	956.00	36.65	2.81%	93.83%
		937.00	35.79				
C4	156.25	5631.00	160.41	5770.00	163.13	3.42%	104.40%
		5910.00	165.82				
C5	625.00	38654.00	650.61	36559.00	620.62	8.1%	99.30%
		34464.00	590.82				
C6	2500.00	109245.00	1871.85	1.24E+5	2201.97	17.11%	88.08%
		139313.00	2561.69				
C7	10000.00	358827.00	12798.27	3.43E+5	11630.09	6.52%	116.30%
		327200.00	10549.54				

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	238.00	<2.65	237.00	<2.65	0.6%
	236.00	<2.65			
Sample02	29960.00	527.23	32856.00	568.05	12.46%
	35751.00	609.11			
Sample03	6207.00	171.47	6662.00	179.94	9.66%
	7117.00	188.21			
Sample04	439.00	8.56	433.50	8.19	1.79%
	428.00	7.83			
Sample05	255.00	<2.65	249.00	<2.65	3.41%
	243.00	<2.65			
Sample06	57290.00	928.96	54730.00	889.25	6.62%
	52169.00	850.05			
Sample07	10524.00	245.71	10932.00	252.21	5.28%
	11340.00	258.66			
Sample08	578.00	17.26	528.00	14.25	13.39%
	478.00	11.11			
Sample09	323.00	<2.65	288.50	<2.65	16.91%
	254.00	<2.65			
Sample10	301.00	<2.65	279.50	<2.65	10.88%
	258.00	<2.65			
Sample11	131973.00	2382.24	1.33E+5	2414.32	1.42%
	134642.00	2446.64			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	33889.00	582.67	34814.00	595.79	3.76%
	35739.00	608.94			
Sample13	1070.00	41.66	1148.00	44.94	9.67%
	1227.00	48.10			
Sample14	369.00	3.81	344.50	<2.65	10.06%
	320.00	<2.65			
Sample15	171898.00	3452.77	1.70E+5	3400.81	1.45%
	168400.00	3349.34			
Sample16	56281.00	913.25	58032.00	940.58	4.27%
	59784.00	968.16			
Sample17	1280.00	50.18	1390.00	54.35	11.19%
	1500.00	58.35			
Sample18	329.00	<2.65	322.00	<2.65	3.07%
	315.00	<2.65			
Sample19	267.00	<2.65	268.00	<2.65	0.53%
	269.00	<2.65			
Sample20	108389.00	1853.90	1.12E+5	1934.94	4.83%
	116053.00	2017.81			
Sample21	17030.00	344.16	16230.00	332.49	6.97%
	15430.00	320.74			
Sample22	1310.00	51.34	1386.00	54.20	7.75%
	1462.00	56.99			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	388.00	5.12	397.50	5.76	3.38%
	407.00	6.41			
Sample24	187263.00	3930.82	1.86E+5	3891.12	0.93%
	184805.00	3851.68			
Sample25	36957.00	626.30	47226.00	775.73	30.75%
	57494.00	932.15			
Sample26	9746.00	233.13	9804.00	234.08	0.84%
	9863.00	235.04			
Sample27	777.00	28.10	771.00	27.80	1.1%
	765.00	27.49			
Sample28	239.00	<2.65	246.00	<2.65	4.02%
	253.00	<2.65			
Sample29	6790.00	182.29	7711.00	198.76	16.89%
	8632.00	214.61			
Sample30	1762.00	67.31	1735.00	66.42	2.2%
	1708.00	65.53			
Sample31	306.00	<2.65	326.00	<2.65	8.68%
	346.00	<2.65			
Sample32	285.00	<2.65	261.50	<2.65	12.71%
	238.00	<2.65			
Sample33	7934.00	202.65	7972.00	203.31	0.67%
	8010.00	203.96			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	1129.00	44.13	1139.00	44.55	1.24%
	1149.00	44.96			
Sample35	334.00	<2.65	332.50	<2.65	0.64%
	331.00	<2.65			
Sample36	216.00	<2.65	226.50	<2.65	6.56%
	237.00	<2.65			
Sample37	290.00	<2.65	413.00	6.82	42.12%
	536.00	14.74			
Sample38	261.00	<2.65	242.50	<2.65	10.79%
	224.00	<2.65			
Sample39	292.00	<2.65	296.00	<2.65	1.91%
	300.00	<2.65			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

## Detail Report

### A5.IL-6

5-P.log(5,71, 15,27, 0,53, 6,41, 0,34)

Chi=0.048%, CV=0.97%, R<sup>2</sup>=1, DC=(1.62, 20324)

Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	421.00	NAN	384.00	NAN	13.63%	
		347.00	NAN				
C1	2.44	557.00	3.36	515.50	2.59	11.39%	106.07%
		474.00	1.87				
C2	9.77	729.00	6.91	846.00	9.49	19.56%	97.14%
		963.00	12.12				
C3	39.06	2120.00	38.02	2134.00	38.31	0.89%	98.07%
		2147.00	38.60				
C4	156.25	8480.00	159.01	8388.00	157.41	1.54%	100.74%
		8297.00	155.81				
C5	625.00	40056.00	672.24	39376.00	661.17	2.44%	105.79%
		38695.00	650.12				
C6	2500.00	115516.00	2049.06	1.23E+5	2222.18	9.47%	88.89%
		132098.00	2400.12				
C7	10000.00	397726.00	11218.38	3.88E+5	10797.42	3.32%	107.97%
		379474.00	10386.15				



## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	308.00	<1.62	315.50	<1.62	3.36%
	323.00	<1.62			
Sample02	47705.00	797.84	50350.00	841.84	7.43%
	52995.00	886.15			
Sample03	18711.00	329.02	19518.00	342.03	5.84%
	20324.00	355.01			
Sample04	1752.00	29.94	1952.00	34.35	14.49%
	2152.00	38.71			
Sample05	813.00	8.75	861.50	9.83	7.96%
	910.00	10.92			
Sample06	97588.00	1690.71	90518.00	1555.18	11.05%
	83447.00	1422.82			
Sample07	30893.00	524.31	29590.00	503.43	6.23%
	28288.00	482.57			
Sample08	2665.00	49.64	2625.00	48.80	2.15%
	2585.00	47.96			
Sample09	969.00	12.25	953.00	11.89	2.37%
	937.00	11.53			
Sample10	388.00	<1.62	366.50	<1.62	8.3%
	345.00	<1.62			
Sample11	248283.00	5454.15	2.53E+5	5605.93	2.7%
	257953.00	5759.84			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	117290.00	2085.70	1.19E+5	2130.86	2.57%
	121634.00	2176.34			
Sample13	9117.00	170.09	10660.00	196.52	20.48%
	12204.00	222.49			
Sample14	2821.00	52.90	2764.00	51.72	2.89%
	2708.00	50.54			
Sample15	303933.00	7333.56	2.98E+5	7127.55	2.7%
	292544.00	6924.75			
Sample16	146355.00	2717.68	1.52E+5	2856.91	5.61%
	158450.00	2998.87			
Sample17	9919.00	183.88	12261.00	223.44	27.01%
	14603.00	262.20			
Sample18	2663.00	49.60	2536.00	46.92	7.08%
	2409.00	44.23			
Sample19	343.00	<1.62	370.50	<1.62	10.5%
	398.00	<1.62			
Sample20	146916.00	2730.48	1.51E+5	2847.42	4.72%
	157072.00	2966.28			
Sample21	43522.00	728.87	43760.00	732.79	0.77%
	43999.00	736.70			
Sample22	6900.00	131.02	7046.00	133.65	2.94%
	7193.00	136.27			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	1931.00	33.89	1961.00	34.55	2.16%
	1991.00	35.21			
Sample24	308927.00	7516.90	3.02E+5	7284.30	2.97%
	296232.00	7055.72			
Sample25	104352.00	1823.39	1.20E+5	2158.17	19.22%
	137184.00	2511.71			
Sample26	45910.00	768.16	45072.00	754.34	2.63%
	44233.00	740.55			
Sample27	7595.00	143.44	7518.00	142.06	1.46%
	7440.00	140.68			
Sample28	319.00	<1.62	321.00	<1.62	0.88%
	323.00	<1.62			
Sample29	74076.00	1252.09	77883.00	1320.82	6.91%
	81690.00	1390.41			
Sample30	29133.00	496.10	26343.00	451.45	14.98%
	23553.00	406.80			
Sample31	2577.00	47.79	3293.00	62.60	30.75%
	4009.00	76.89			
Sample32	1799.00	30.98	1860.00	32.33	4.64%
	1921.00	33.67			
Sample33	69319.00	1167.40	71974.00	1214.50	5.22%
	74628.00	1262.01			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	16762.00	297.46	17388.00	307.62	5.09%
	18014.00	317.76			
Sample35	3118.00	59.03	3082.00	58.30	1.63%
	3047.00	57.57			
Sample36	1308.00	19.96	1291.00	19.58	1.86%
	1274.00	19.19			
Sample37	1283.00	19.40	2738.00	51.18	75.16%
	4194.00	80.51			
Sample38	523.00	2.73	563.00	3.48	10.05%
	603.00	4.27			
Sample39	1643.00	27.52	1616.00	26.92	2.32%
	1590.00	26.33			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

## Detail Report

### A6.TNF-a

5-P.log(5,59, 15,11, 0,47, 6,98, 0,34)

Chi=0.073%, CV=1.54%, R<sup>2</sup>=0.999, DC=(2.67, 12758)

Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	393.00	NAN	380.00	NAN	4.84%	
		367.00	NAN				
C1	2.44	529.00	3.98	491.00	3.07	10.95%	125.71%
		453.00	<2.67				
C2	9.77	605.00	5.98	687.50	8.36	16.97%	85.64%
		770.00	10.90				
C3	39.06	1466.00	34.90	1482.00	35.50	1.57%	90.87%
		1499.00	36.09				
C4	156.25	5402.00	176.28	5374.00	175.30	0.74%	112.19%
		5346.00	174.31				
C5	625.00	18816.00	636.77	18760.00	634.87	0.42%	101.58%
		18705.00	632.96				
C6	2500.00	58035.00	2077.91	61650.00	2222.66	8.29%	88.91%
		65265.00	2369.65				
C7	10000.00	220548.00	11107.23	2.16E+5	10794.83	2.81%	107.95%
		211965.00	10486.86				

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	302.00	<2.67	298.50	<2.67	1.66%
	295.00	<2.67			
Sample02	133129.00	5574.81	1.37E+5	5810.04	4.46%
	141798.00	6049.14			
Sample03	14569.00	491.52	15542.00	524.75	8.86%
	16516.00	558.01			
Sample04	483.00	2.89	497.00	3.21	3.98%
	511.00	3.54			
Sample05	513.00	3.59	511.00	3.54	0.55%
	509.00	3.49			
Sample06	186487.00	8747.87	1.83E+5	8528.24	2.61%
	179722.00	8311.20			
Sample07	14616.00	493.12	16084.00	543.25	12.91%
	17552.00	593.45			
Sample08	631.00	6.71	573.50	5.13	14.18%
	516.00	3.66			
Sample09	503.00	3.35	486.50	2.97	4.8%
	470.00	<2.67			
Sample10	409.00	<2.67	401.00	<2.67	2.82%
	393.00	<2.67			
Sample11	97806.00	3797.65	98492.00	3829.86	0.99%
	99178.00	3862.16			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	8964.00	299.92	9786.00	328.12	11.87%
	10607.00	356.26			
Sample13	451.00	<2.67	527.00	3.93	20.39%
	603.00	5.93			
Sample14	942.00	16.51	951.00	16.81	1.34%
	960.00	17.12			
Sample15	198916.00	9577.32	1.96E+5	9430.99	1.55%
	194607.00	9285.74			
Sample16	22288.00	756.37	22504.00	763.83	1.35%
	22719.00	771.29			
Sample17	573.00	5.11	619.00	6.37	10.51%
	665.00	7.70			
Sample18	584.00	5.41	559.00	4.74	6.32%
	534.00	4.10			
Sample19	290.00	<2.67	328.00	<2.67	16.38%
	366.00	<2.67			
Sample20	270860.00	>12757.99	2.76E+5	>12757.99	2.84%
	281943.00	>12757.99			
Sample21	22899.00	777.53	22458.00	762.26	2.78%
	22017.00	747.00			
Sample22	922.00	15.84	960.00	17.12	5.6%
	998.00	18.41			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	526.00	3.91	543.00	4.33	4.43%
	560.00	4.77			
Sample24	349167.00	>12757.99	3.43E+5	>12757.99	2.37%
	337663.00	>12757.99			
Sample25	43328.00	1511.24	53225.00	1888.71	26.3%
	63122.00	2282.24			
Sample26	5618.00	183.87	5635.00	184.47	0.43%
	5652.00	185.06			
Sample27	771.00	10.93	748.50	10.22	4.25%
	726.00	9.53			
Sample28	361.00	<2.67	364.50	<2.67	1.36%
	368.00	<2.67			
Sample29	125595.00	5175.03	1.34E+5	5652.01	9.42%
	143524.00	6145.42			
Sample30	11695.00	393.44	10928.00	367.24	9.93%
	10161.00	340.99			
Sample31	426.00	<2.67	516.50	3.67	24.78%
	607.00	6.04			
Sample32	433.00	<2.67	426.50	<2.67	2.16%
	420.00	<2.67			
Sample33	139142.00	5902.17	1.34E+5	5627.84	5.3%
	129083.00	5358.68			



## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	8119.00	270.83	7744.00	257.89	6.84%
	7370.00	244.93			
Sample35	648.00	7.20	635.00	6.83	2.9%
	622.00	6.46			
Sample36	393.00	<2.67	408.00	<2.67	5.2%
	423.00	<2.67			
Sample37	416.00	<2.67	479.00	2.80	18.6%
	542.00	4.31			
Sample38	393.00	<2.67	388.00	<2.67	1.82%
	383.00	<2.67			
Sample39	660.00	7.55	576.00	5.19	20.62%
	492.00	3.09			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

# Detail Report

## A7.IP-10

5-P.log(6,00, 14,33, 0,90, 6,37, 0,53)

Chi=0.11%, CV=2.29%, R²=0.998, DC=(6.52, 11947)

Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	513.00	NAN	463.00	NAN	15.27%	
		413.00	NAN				
C1	2.44	510.00	10.96	472.00	7.03	11.39%	288.11%
		434.00	<6.52				
C2	9.77	427.00	<6.52	489.50	8.86	18.06%	90.72%
		552.00	15.14				
C3	39.06	728.00	30.90	710.50	29.45	3.48%	75.38%
		693.00	27.97				
C4	156.25	3775.00	169.06	3810.00	170.13	1.28%	108.88%
		3844.00	171.19				
C5	625.00	29539.00	638.33	28626.00	624.80	4.51%	99.97%
		27713.00	611.20				
C6	2500.00	116977.00	1955.93	1.27E+5	2134.99	11.68%	85.40%
		138045.00	2320.19				
C7	10000.00	462465.00	>11946.58	4.52E+5	>11946.58	3.03%	121.01%
		443050.00	11629.57				

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	512.00	11.17	520.50	12.02	2.31%
	529.00	12.88			
Sample02	437974.00	11388.84	4.36E+5	11298.89	0.62%
	434138.00	11209.50			
Sample03	417072.00	10437.78	4.22E+5	10691.17	1.91%
	428486.00	10949.24			
Sample04	62915.00	1118.93	68122.00	1194.74	10.81%
	73329.00	1271.33			
Sample05	13579.00	384.86	14085.00	393.82	5.08%
	14591.00	402.69			
Sample06	445881.00	11765.56	4.40E+5	11492.27	1.84%
	434449.00	11223.94			
Sample07	211067.00	3795.75	2.73E+5	5368.96	32.28%
	335931.00	7292.13			
Sample08	81036.00	1386.35	82448.00	1407.65	2.42%
	83859.00	1429.03			
Sample09	13502.00	383.48	13439.00	382.35	0.66%
	13376.00	381.23			
Sample10	428.00	<6.52	430.50	<6.52	0.82%
	433.00	<6.52			
Sample11	448373.00	11886.28	4.42E+5	11605.42	1.86%
	436716.00	11329.78			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	425552.00	10815.97	4.27E+5	10915.66	0.73%
	429947.00	11016.06			
Sample13	56153.00	1021.41	76762.00	1322.31	37.97%
	97372.00	1637.88			
Sample14	20573.00	501.67	22106.00	525.78	9.81%
	23640.00	549.53			
Sample15	442154.00	11586.79	4.41E+5	11574.69	0.08%
	441646.00	11562.60			
Sample16	423941.00	10743.33	4.28E+5	10933.81	1.39%
	432355.00	11126.88			
Sample17	77481.00	1333.03	84048.00	1431.89	11.05%
	90614.00	1532.46			
Sample18	15406.00	416.77	15528.00	418.86	1.11%
	15650.00	420.95			
Sample19	412.00	<6.52	428.50	<6.52	5.45%
	445.00	<6.52			
Sample20	432672.00	11141.54	4.34E+5	11246.41	0.73%
	437191.00	11352.06			
Sample21	262343.00	5064.02	2.60E+5	5005.05	1.2%
	257934.00	4946.50			
Sample22	53586.00	984.59	60456.00	1083.36	16.07%
	67327.00	1183.12			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	14872.00	407.57	16726.00	439.12	15.68%
	18580.00	469.69			
Sample24	421000.00	10611.68	4.25E+5	10791.99	1.34%
	429042.00	10974.62			
Sample25	95062.00	1601.62	1.70E+5	2931.66	62.55%
	245852.00	4632.89			
Sample26	99862.00	1677.24	1.02E+5	1713.94	3.19%
	104472.00	1750.89			
Sample27	16739.00	439.34	16613.00	437.23	1.07%
	16487.00	435.11			
Sample28	402.00	<6.52	402.00	<6.52	0%
	402.00	<6.52			
Sample29	426351.00	10852.14	4.39E+5	11460.33	4.23%
	452629.00	>11946.58			
Sample30	384309.00	9069.11	3.65E+5	8329.03	7.46%
	345805.00	7632.94			
Sample31	24951.00	569.57	52775.00	972.98	74.56%
	80599.00	1379.77			
Sample32	13208.00	378.21	13174.00	377.61	0.36%
	13141.00	377.00			
Sample33	439588.00	11464.96	3.91E+5	9369.44	17.25%
	344006.00	7570.04			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	179814.00	3120.65	1.80E+5	3140.96	0.77%
	181791.00	3161.33			
Sample35	23060.00	540.58	24006.00	555.15	5.58%
	24953.00	569.61			
Sample36	2595.00	128.81	2474.00	124.14	6.95%
	2352.00	119.33			
Sample37	8495.00	286.86	8906.00	295.49	6.53%
	9317.00	303.96			
Sample38	6634.00	245.35	6641.00	245.52	0.15%
	6648.00	245.68			
Sample39	13094.00	376.16	10936.00	336.01	27.91%
	8777.00	292.80			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

# Detail Report

## A8.IL-29

5-P.log(5,92, 12,90, 1,03, 6,59, 0,59)

Chi=0.075%, CV=1.71%, R²=0.999, DC=(9.53, 11235)

Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	407.00	NAN	375.00	NAN	12.07%	
		343.00	NAN				
C1	2.44	434.00	17.18	404.50	<9.53	10.31%	379.76%
		375.00	<9.53				
C2	9.77	350.00	<9.53	415.00	12.17	22.15%	124.63%
		480.00	28.31				
C3	39.06	488.00	30.13	470.50	26.11	5.26%	66.83%
		453.00	21.92				
C4	156.25	1486.00	166.48	1444.00	162.37	4.11%	103.92%
		1402.00	158.19				
C5	625.00	10238.00	645.04	10136.00	640.65	1.42%	102.50%
		10035.00	636.25				
C6	2500.00	42002.00	2077.53	44364.00	2202.88	7.53%	88.12%
		46726.00	2331.87				
C7	10000.00	136960.00	>11234.82	1.36E+5	>11234.82	0.04%	115.10%
		136884.00	>11234.82				

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	311.00	<9.53	304.50	<9.53	3.02%
	298.00	<9.53			
Sample02	549.00	43.12	560.00	45.32	2.78%
	571.00	47.48			
Sample03	434.00	17.18	430.00	16.15	1.32%
	426.00	15.10			
Sample04	363.00	<9.53	373.50	<9.53	3.98%
	384.00	<9.53			
Sample05	380.00	<9.53	364.50	<9.53	6.01%
	349.00	<9.53			
Sample06	455.00	22.41	444.50	19.83	3.34%
	434.00	17.18			
Sample07	363.00	<9.53	402.00	<9.53	13.72%
	441.00	18.95			
Sample08	489.00	30.35	416.50	12.58	24.62%
	344.00	<9.53			
Sample09	420.00	13.52	364.50	<9.53	21.53%
	309.00	<9.53			
Sample10	374.00	<9.53	367.50	<9.53	2.5%
	361.00	<9.53			
Sample11	416.00	12.44	433.00	16.92	5.55%
	450.00	21.19			



## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	361.00	<9.53	361.00	<9.53	0%
	361.00	<9.53			
Sample13	316.00	<9.53	350.50	<9.53	13.92%
	385.00	<9.53			
Sample14	365.00	<9.53	360.00	<9.53	1.96%
	355.00	<9.53			
Sample15	462.00	24.10	466.50	25.16	1.36%
	471.00	26.22			
Sample16	402.00	<9.53	403.00	<9.53	0.35%
	404.00	<9.53			
Sample17	373.00	<9.53	363.50	<9.53	3.7%
	354.00	<9.53			
Sample18	343.00	<9.53	341.00	<9.53	0.83%
	339.00	<9.53			
Sample19	301.00	<9.53	335.50	<9.53	14.54%
	370.00	<9.53			
Sample20	454.00	22.17	466.00	25.05	3.64%
	478.00	27.85			
Sample21	440.00	18.70	435.00	17.43	1.63%
	430.00	16.15			
Sample22	360.00	<9.53	357.50	<9.53	0.99%
	355.00	<9.53			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	378.00	<9.53	355.50	<9.53	8.95%
	333.00	<9.53			
Sample24	939.00	105.42	948.50	106.66	1.42%
	958.00	107.90			
Sample25	1681.00	184.66	1736.00	189.55	4.48%
	1791.00	194.36			
Sample26	677.00	66.65	674.00	66.14	0.63%
	671.00	65.63			
Sample27	426.00	15.10	406.00	9.69	6.97%
	386.00	<9.53			
Sample28	350.00	<9.53	351.00	<9.53	0.4%
	352.00	<9.53			
Sample29	488.00	30.13	517.00	36.49	7.93%
	546.00	42.51			
Sample30	2553.00	253.81	2642.00	260.09	4.76%
	2731.00	266.26			
Sample31	733.00	75.79	702.00	70.80	6.25%
	671.00	65.63			
Sample32	951.00	106.99	922.50	103.23	4.37%
	894.00	99.39			
Sample33	523.00	37.76	503.00	33.46	5.62%
	483.00	28.99			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	1060.00	120.66	966.50	109.00	13.68%
	873.00	96.50			
Sample35	499.00	32.58	510.00	34.98	3.05%
	521.00	37.34			
Sample36	551.00	43.52	526.00	38.39	6.72%
	501.00	33.02			
Sample37	356.00	<9.53	368.50	<9.53	4.8%
	381.00	<9.53			
Sample38	325.00	<9.53	325.50	<9.53	0.22%
	326.00	<9.53			
Sample39	328.00	<9.53	336.50	<9.53	3.57%
	345.00	<9.53			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

## Detail Report

### A10.IL-8

5-P.log(5,38, 15,40, 0,42, 7,37, 0,31)

Chi=0.11%, CV=2.46%, R²=0.997, DC=(2.69, 13543)

Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	403.00	NAN	383.00	NAN	7.38%	
		363.00	NAN				
C1	2.44	467.00	3.53	451.50	3.15	4.85%	129.02%
		436.00	2.78				
C2	9.77	572.00	6.45	627.00	8.17	12.41%	83.62%
		682.00	9.98				
C3	39.06	1297.00	34.10	1311.00	34.70	1.51%	88.83%
		1325.00	35.29				
C4	156.25	4307.00	172.39	4264.00	170.34	1.44%	109.02%
		4220.00	168.29				
C5	625.00	16457.00	759.27	15634.00	718.59	7.44%	114.97%
		14812.00	678.06				
C6	2500.00	35369.00	1741.62	39558.00	1972.15	14.97%	78.89%
		43746.00	2207.56				
C7	10000.00	168385.00	11599.53	1.64E+5	11255.13	3.13%	112.55%
		161084.00	10915.14				

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	603.00	7.40	579.50	6.68	5.73%
	556.00	5.97			
Sample02	338142.00	>13542.83	3.35E+5	>13542.83	1.02%
	333314.00	>13542.83			
Sample03	297978.00	>13542.83	3.04E+5	>13542.83	3.19%
	311718.00	>13542.83			
Sample04	36755.00	1817.37	39203.00	1952.45	8.83%
	41651.00	2089.20			
Sample05	7628.00	330.07	8164.00	355.70	9.28%
	8700.00	381.38			
Sample06	340700.00	>13542.83	3.24E+5	>13542.83	6.88%
	309101.00	>13542.83			
Sample07	152064.00	10093.83	1.57E+5	10567.08	4.7%
	162530.00	11049.29			
Sample08	85582.00	4834.98	86121.00	4872.18	0.89%
	86660.00	4909.46			
Sample09	17921.00	832.06	18288.00	850.42	2.84%
	18656.00	868.80			
Sample10	470.00	3.61	458.00	3.31	3.71%
	446.00	3.02			
Sample11	337601.00	>13542.83	3.32E+5	>13542.83	1.97%
	328318.00	>13542.83			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	335849.00	>13542.83	3.35E+5	>13542.83	0.06%
	335547.00	>13542.83			
Sample13	66207.00	3555.00	79532.00	4423.42	23.69%
	92857.00	5344.31			
Sample14	17767.00	824.38	18920.00	882.05	8.62%
	20074.00	940.05			
Sample15	337603.00	>13542.83	3.37E+5	>13542.83	0.18%
	336747.00	>13542.83			
Sample16	343774.00	>13542.83	3.42E+5	>13542.83	0.55%
	341120.00	>13542.83			
Sample17	126883.00	7939.91	1.35E+5	8631.25	8.73%
	143571.00	9344.70			
Sample18	26939.00	1292.18	26202.00	1253.76	3.98%
	25464.00	1215.49			
Sample19	385.00	<2.69	423.50	<2.69	12.86%
	462.00	3.41			
Sample20	338194.00	>13542.83	3.40E+5	>13542.83	0.81%
	342089.00	>13542.83			
Sample21	324974.00	>13542.83	3.21E+5	>13542.83	1.73%
	317102.00	>13542.83			
Sample22	130103.00	8204.11	1.33E+5	8455.15	3.21%
	136150.00	8709.08			

# Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	28233.00	1359.92	30816.00	1496.52	11.86%
	33400.00	1634.92			
Sample24	340221.00	>13542.83	3.41E+5	>13542.83	0.43%
	342273.00	>13542.83			
Sample25	139495.00	8993.41	2.37E+5	>13542.83	58.45%
	336038.00	>13542.83			
Sample26	340086.00	>13542.83	3.35E+5	>13542.83	2.12%
	330028.00	>13542.83			
Sample27	170586.00	11809.33	1.71E+5	11854.53	0.39%
	171530.00	11899.80			
Sample28	458.00	3.31	456.50	3.27	0.46%
	455.00	3.23			
Sample29	327088.00	>13542.83	3.36E+5	>13542.83	3.77%
	344993.00	>13542.83			
Sample30	290898.00	>13542.83	2.69E+5	>13542.83	11.31%
	247801.00	>13542.83			
Sample31	30636.00	1486.92	56470.00	2953.12	64.7%
	82304.00	4610.64			
Sample32	10785.00	481.75	11002.00	492.27	2.8%
	11220.00	502.80			
Sample33	339134.00	>13542.83	2.73E+5	>13542.83	34.25%
	206891.00	>13542.83			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	265436.00	>13542.83	2.75E+5	>13542.83	5.31%
	286152.00	>13542.83			
Sample35	83364.00	4682.84	83430.00	4687.31	0.11%
	83495.00	4691.78			
Sample36	11014.00	492.83	10760.00	480.55	3.34%
	10506.00	468.27			
Sample37	19665.00	919.45	75702.00	4168.47	104.68%
	131739.00	8339.58			
Sample38	4044.00	160.01	7262.00	312.59	62.67%
	10480.00	467.02			
Sample39	12531.00	566.45	15308.00	702.46	25.65%
	18084.00	840.20			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data



## Detail Report

### B2.II-12p70

5-P.log(5,03, 15,95, 0,40, 5,56, 0,25)

Chi=0.033%, CV=0.63%, R<sup>2</sup>=1, DC=(1.29, 20827)

Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	485.00	NAN	460.00	NAN	7.69%	
		435.00	NAN				
C1	2.44	818.00	2.83	763.50	2.50	10.09%	102.58%
		709.00	2.19				
C2	9.77	1708.00	8.50	1850.00	9.44	10.82%	96.69%
		1991.00	10.38				
C3	39.06	5928.00	37.07	6204.00	38.95	6.28%	99.70%
		6479.00	40.83				
C4	156.25	22792.00	156.68	23478.00	161.79	4.13%	103.55%
		24164.00	166.92				
C5	625.00	78561.00	646.97	77185.00	632.98	2.52%	101.28%
		75809.00	619.08				
C6	2500.00	192577.00	2167.74	1.98E+5	2263.62	4.06%	90.54%
		203972.00	2361.52				
C7	10000.00	499573.00	10710.24	5.00E+5	10750.14	0.28%	107.50%
		501520.00	10790.13				

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	341.00	<1.29	340.00	<1.29	0.42%
	339.00	<1.29			
Sample02	711.00	2.20	742.50	2.38	6%
	774.00	2.57			
Sample03	472.00	<1.29	491.50	<1.29	5.61%
	511.00	<1.29			
Sample04	471.00	<1.29	445.00	<1.29	8.26%
	419.00	<1.29			
Sample05	426.00	<1.29	411.00	<1.29	5.16%
	396.00	<1.29			
Sample06	679.00	2.02	681.50	2.03	0.52%
	684.00	2.05			
Sample07	413.00	<1.29	456.00	<1.29	13.34%
	499.00	<1.29			
Sample08	540.00	<1.29	466.50	<1.29	22.28%
	393.00	<1.29			
Sample09	453.00	<1.29	422.00	<1.29	10.39%
	391.00	<1.29			
Sample10	416.00	<1.29	404.50	<1.29	4.02%
	393.00	<1.29			
Sample11	515.00	<1.29	538.00	<1.29	6.05%
	561.00	1.38			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	414.00	<1.29	421.50	<1.29	2.52%
	429.00	<1.29			
Sample13	369.00	<1.29	410.50	<1.29	14.3%
	452.00	<1.29			
Sample14	436.00	<1.29	427.50	<1.29	2.81%
	419.00	<1.29			
Sample15	551.00	1.33	563.50	1.39	3.14%
	576.00	1.46			
Sample16	445.00	<1.29	442.50	<1.29	0.8%
	440.00	<1.29			
Sample17	443.00	<1.29	436.50	<1.29	2.11%
	430.00	<1.29			
Sample18	397.00	<1.29	369.00	<1.29	10.73%
	341.00	<1.29			
Sample19	330.00	<1.29	356.50	<1.29	10.51%
	383.00	<1.29			
Sample20	1148.00	4.86	1186.00	5.10	4.47%
	1223.00	5.34			
Sample21	496.00	<1.29	481.50	<1.29	4.26%
	467.00	<1.29			
Sample22	454.00	<1.29	443.50	<1.29	3.35%
	433.00	<1.29			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	401.00	<1.29	418.00	<1.29	5.75%
	435.00	<1.29			
Sample24	2122.00	11.26	2080.00	10.98	2.89%
	2037.00	10.69			
Sample25	513.00	<1.29	570.00	1.43	14.14%
	627.00	1.73			
Sample26	490.00	<1.29	468.50	<1.29	6.49%
	447.00	<1.29			
Sample27	388.00	<1.29	391.00	<1.29	1.09%
	394.00	<1.29			
Sample28	368.00	<1.29	371.00	<1.29	1.14%
	374.00	<1.29			
Sample29	718.00	2.24	712.50	2.21	1.09%
	707.00	2.18			
Sample30	479.00	<1.29	455.00	<1.29	7.46%
	431.00	<1.29			
Sample31	302.00	<1.29	353.00	<1.29	20.43%
	404.00	<1.29			
Sample32	391.00	<1.29	382.00	<1.29	3.33%
	373.00	<1.29			
Sample33	592.00	1.54	595.50	1.56	0.83%
	599.00	1.58			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	415.00	<1.29	428.50	<1.29	4.46%
	442.00	<1.29			
Sample35	383.00	<1.29	381.00	<1.29	0.74%
	379.00	<1.29			
Sample36	365.00	<1.29	354.00	<1.29	4.39%
	343.00	<1.29			
Sample37	377.00	<1.29	382.00	<1.29	1.85%
	387.00	<1.29			
Sample38	380.00	<1.29	377.00	<1.29	1.13%
	374.00	<1.29			
Sample39	393.00	<1.29	397.00	<1.29	1.42%
	401.00	<1.29			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

## Detail Report

### B3.IFN-a2

5-P.log(5,77, 15,19, 0,13, 6,97, 0,88)

Chi=0.065%, CV=1.39%, R<sup>2</sup>=0.999, DC=(3.26, 11672)

Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	351.00	NAN	337.00	NAN	5.88%	
		323.00	NAN				
C1	2.44	462.00	5.75	418.00	3.54	14.89%	144.82%
		374.00	<3.26				
C2	9.77	421.00	3.68	513.50	8.52	25.48%	87.29%
		606.00	13.72				
C3	39.06	1002.00	36.18	980.00	34.96	3.17%	89.51%
		958.00	33.74				
C4	156.25	3889.00	167.63	3879.00	167.23	0.36%	107.03%
		3869.00	166.84				
C5	625.00	20338.00	667.86	19366.00	641.76	7.09%	102.68%
		18395.00	615.45				
C6	2500.00	75285.00	2064.55	83244.00	2271.05	13.52%	90.84%
		91203.00	2480.58				
C7	10000.00	332132.00	11162.57	3.23E+5	10735.77	3.93%	107.36%
		314163.00	10318.45				

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	264.00	<3.26	272.00	<3.26	4.16%
	280.00	<3.26			
Sample02	613.00	14.12	654.50	16.49	8.97%
	696.00	18.87			
Sample03	531.00	9.49	536.50	9.80	1.45%
	542.00	10.10			
Sample04	399.00	<3.26	364.50	<3.26	13.39%
	330.00	<3.26			
Sample05	315.00	<3.26	296.00	<3.26	9.08%
	277.00	<3.26			
Sample06	551.00	10.61	539.00	9.94	3.15%
	527.00	9.27			
Sample07	442.00	4.72	479.50	6.68	11.06%
	517.00	8.72			
Sample08	400.00	<3.26	366.00	<3.26	13.14%
	332.00	<3.26			
Sample09	370.00	<3.26	342.50	<3.26	11.35%
	315.00	<3.26			
Sample10	334.00	<3.26	330.00	<3.26	1.71%
	326.00	<3.26			
Sample11	612.00	14.06	635.00	15.38	5.12%
	658.00	16.69			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	539.00	9.94	534.00	9.66	1.32%
	529.00	9.38			
Sample13	316.00	<3.26	341.50	<3.26	10.56%
	367.00	<3.26			
Sample14	328.00	<3.26	319.00	<3.26	3.99%
	310.00	<3.26			
Sample15	583.00	12.41	592.00	12.92	2.15%
	601.00	13.44			
Sample16	584.00	12.47	585.50	12.56	0.36%
	587.00	12.64			
Sample17	389.00	<3.26	398.50	<3.26	3.37%
	408.00	<3.26			
Sample18	281.00	<3.26	279.00	<3.26	1.01%
	277.00	<3.26			
Sample19	244.00	<3.26	289.50	<3.26	22.23%
	335.00	<3.26			
Sample20	558.00	11.00	575.50	11.99	4.3%
	593.00	12.98			
Sample21	544.00	10.22	533.50	9.63	2.78%
	523.00	9.05			
Sample22	390.00	<3.26	393.00	<3.26	1.08%
	396.00	<3.26			



## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	321.00	<3.26	313.00	<3.26	3.61%
	305.00	<3.26			
Sample24	729.00	20.77	702.00	19.22	5.44%
	675.00	17.67			
Sample25	609.00	13.89	669.50	17.35	12.78%
	730.00	20.82			
Sample26	616.00	14.29	605.50	13.69	2.45%
	595.00	13.09			
Sample27	339.00	<3.26	343.00	<3.26	1.65%
	347.00	<3.26			
Sample28	315.00	<3.26	300.50	<3.26	6.82%
	286.00	<3.26			
Sample29	540.00	9.99	564.00	11.34	6.02%
	588.00	12.70			
Sample30	863.00	28.40	811.00	25.45	9.07%
	759.00	22.49			
Sample31	293.00	<3.26	338.50	<3.26	19.01%
	384.00	<3.26			
Sample32	340.00	<3.26	324.00	<3.26	6.98%
	308.00	<3.26			
Sample33	535.00	9.71	495.50	7.54	11.27%
	456.00	5.44			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	502.00	7.89	527.00	9.27	6.71%
	552.00	10.66			
Sample35	370.00	<3.26	330.00	<3.26	17.14%
	290.00	<3.26			
Sample36	256.00	<3.26	277.50	<3.26	10.96%
	299.00	<3.26			
Sample37	291.00	<3.26	314.00	<3.26	10.36%
	337.00	<3.26			
Sample38	292.00	<3.26	280.00	<3.26	6.06%
	268.00	<3.26			
Sample39	280.00	<3.26	280.50	<3.26	0.25%
	281.00	<3.26			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

# Detail Report

## B4.IL-28A/B

5-P.log(5,74, 13,71, 0,14, 8,39, 1,03)

Chi=0.17%, CV=3.88%, R²=0.994, DC=(27.21, 63154)

Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	382.00	NAN	329.50	NAN	22.53%	
		277.00	NAN				
C3	12.21	420.00	51.37	375.00	28.14	16.97%	230.50%
		330.00	<27.21				
C4	48.83	342.00	<27.21	418.50	50.58	25.85%	103.59%
		495.00	90.81				
C5	195.31	604.00	147.17	569.50	129.54	8.57%	66.32%
		535.00	111.71				
C6	781.25	2591.00	922.54	2386.00	855.34	12.15%	109.48%
		2181.00	786.31				
C7	3125.00	13164.00	3603.21	13068.00	3581.08	1.04%	114.60%
		12971.00	3558.95				
C8	12500.00	29172.00	7270.77	36606.00	9060.67	28.72%	72.48%
		44040.00	10944.11				
C8	50000.00	167833.00	>63153.67	1.64E+5	>63153.67	3.23%	131.84%
		160331.00	>63153.67				

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	290.00	<27.21	274.00	<27.21	8.26%
	258.00	<27.21			
Sample02	384.00	32.71	416.00	49.27	10.88%
	448.00	66.08			
Sample03	344.00	<27.21	356.00	<27.21	4.77%
	368.00	<27.21			
Sample04	366.00	<27.21	343.00	<27.21	9.48%
	320.00	<27.21			
Sample05	312.00	<27.21	303.00	<27.21	4.2%
	294.00	<27.21			
Sample06	323.00	<27.21	326.50	<27.21	1.52%
	330.00	<27.21			
Sample07	295.00	<27.21	332.50	<27.21	15.95%
	370.00	<27.21			
Sample08	420.00	51.37	356.50	<27.21	25.19%
	293.00	<27.21			
Sample09	391.00	36.29	346.00	<27.21	18.39%
	301.00	<27.21			
Sample10	299.00	<27.21	314.50	<27.21	6.97%
	330.00	<27.21			
Sample11	311.00	<27.21	336.50	<27.21	10.72%
	362.00	<27.21			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	323.00	<27.21	320.00	<27.21	1.33%
	317.00	<27.21			
Sample13	291.00	<27.21	308.50	<27.21	8.02%
	326.00	<27.21			
Sample14	332.00	<27.21	311.50	<27.21	9.31%
	291.00	<27.21			
Sample15	345.00	<27.21	356.50	<27.21	4.56%
	368.00	<27.21			
Sample16	351.00	<27.21	348.00	<27.21	1.22%
	345.00	<27.21			
Sample17	325.00	<27.21	326.50	<27.21	0.65%
	328.00	<27.21			
Sample18	284.00	<27.21	264.00	<27.21	10.71%
	244.00	<27.21			
Sample19	271.00	<27.21	310.00	<27.21	17.79%
	349.00	<27.21			
Sample20	341.00	<27.21	336.00	<27.21	2.1%
	331.00	<27.21			
Sample21	357.00	<27.21	333.00	<27.21	10.19%
	309.00	<27.21			
Sample22	317.00	<27.21	323.50	<27.21	2.84%
	330.00	<27.21			

# Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	305.00	<27.21	324.00	<27.21	8.29%
	343.00	<27.21			
Sample24	316.00	<27.21	315.00	<27.21	0.45%
	314.00	<27.21			
Sample25	336.00	<27.21	349.00	<27.21	5.27%
	362.00	<27.21			
Sample26	408.00	45.10	386.00	33.73	8.06%
	364.00	<27.21			
Sample27	304.00	<27.21	293.00	<27.21	5.31%
	282.00	<27.21			
Sample28	297.00	<27.21	303.50	<27.21	3.03%
	310.00	<27.21			
Sample29	362.00	<27.21	355.50	<27.21	2.59%
	349.00	<27.21			
Sample30	324.00	<27.21	314.00	<27.21	4.5%
	304.00	<27.21			
Sample31	265.00	<27.21	291.00	<27.21	12.64%
	317.00	<27.21			
Sample32	317.00	<27.21	297.00	<27.21	9.52%
	277.00	<27.21			
Sample33	356.00	<27.21	318.00	<27.21	16.9%
	280.00	<27.21			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	322.00	<27.21	328.50	<27.21	2.8%
	335.00	<27.21			
Sample35	318.00	<27.21	302.50	<27.21	7.25%
	287.00	<27.21			
Sample36	262.00	<27.21	275.00	<27.21	6.69%
	288.00	<27.21			
Sample37	289.00	<27.21	290.00	<27.21	0.49%
	291.00	<27.21			
Sample38	278.00	<27.21	275.00	<27.21	1.54%
	272.00	<27.21			
Sample39	271.00	<27.21	276.50	<27.21	2.81%
	282.00	<27.21			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

## Detail Report

### B5.GM-CSF

5-P.log(5,77, 14,67, 0,49, 5,57, 0,29)

Chi=0.047%, CV=0.91%, R<sup>2</sup>=0.999, DC=(1.93, 19391)

Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	583.00	NAN	567.00	NAN	3.99%	
		551.00	NAN				
C1	2.44	836.00	2.80	802.00	2.54	6%	103.91%
		768.00	2.28				
C2	9.77	1513.00	8.55	1614.00	9.45	8.81%	96.72%
		1714.00	10.35				
C3	39.06	4610.00	36.70	4806.00	38.49	5.78%	98.54%
		5003.00	40.29				
C4	156.25	17372.00	156.99	17980.00	163.04	4.78%	104.34%
		18587.00	169.12				
C5	625.00	59265.00	674.02	57080.00	641.45	5.41%	102.63%
		54896.00	609.56				
C6	2500.00	122312.00	1940.52	1.29E+5	2124.97	7.64%	85.00%
		136289.00	2319.39				
C7	10000.00	304126.00	11032.14	3.08E+5	11380.33	1.93%	113.80%
		312529.00	11736.62				



## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	505.00	<1.93	502.00	<1.93	0.85%
	499.00	<1.93			
Sample02	31262.00	304.87	33100.00	326.05	7.85%
	34937.00	347.63			
Sample03	57725.00	650.99	60736.00	696.31	7.01%
	63746.00	742.94			
Sample04	18766.00	170.92	20034.00	183.75	8.95%
	21301.00	196.74			
Sample05	32519.00	319.31	33813.00	334.38	5.41%
	35107.00	349.65			
Sample06	56737.00	636.40	55858.00	623.52	2.23%
	54979.00	610.76			
Sample07	64033.00	747.45	66240.00	782.56	4.71%
	68448.00	818.40			
Sample08	22575.00	209.96	23419.00	218.82	5.1%
	24263.00	227.75			
Sample09	28535.00	274.16	28788.00	276.97	1.24%
	29040.00	279.78			
Sample10	549.00	<1.93	541.00	<1.93	2.09%
	533.00	<1.93			
Sample11	20529.00	188.80	20576.00	189.29	0.32%
	20623.00	189.77			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	44236.00	463.24	45574.00	480.77	4.15%
	46911.00	498.53			
Sample13	28555.00	274.38	30622.00	297.59	9.55%
	32690.00	321.29			
Sample14	70292.00	848.89	71224.00	864.50	1.85%
	72157.00	880.25			
Sample15	34562.00	343.19	34398.00	341.26	0.67%
	34234.00	339.33			
Sample16	60172.00	687.73	61778.00	712.30	3.68%
	63383.00	737.24			
Sample17	33436.00	329.97	35308.00	352.03	7.5%
	37179.00	374.52			
Sample18	54282.00	600.72	53976.00	596.33	0.8%
	53670.00	591.95			
Sample19	484.00	<1.93	510.00	<1.93	7.21%
	536.00	<1.93			
Sample20	87960.00	1167.81	90310.00	1214.03	3.68%
	92661.00	1261.19			
Sample21	82745.00	1068.50	82860.00	1070.63	0.2%
	82974.00	1072.77			
Sample22	35600.00	355.52	36948.00	371.71	5.16%
	38295.00	388.13			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	27773.00	265.73	29192.00	281.48	6.88%
	30612.00	297.47			
Sample24	210676.00	5102.23	2.06E+5	4923.26	2.62%
	203025.00	4748.57			
Sample25	127851.00	2085.91	1.37E+5	2341.97	9.52%
	146304.00	2616.07			
Sample26	81914.00	1053.08	82000.00	1054.66	0.15%
	82085.00	1056.25			
Sample27	39699.00	405.48	39854.00	407.42	0.55%
	40010.00	409.36			
Sample28	517.00	<1.93	523.00	<1.93	1.62%
	529.00	<1.93			
Sample29	77771.00	977.87	82506.00	1064.06	8.12%
	87242.00	1153.87			
Sample30	79377.00	1006.70	78758.00	995.53	1.11%
	78138.00	984.42			
Sample31	21061.00	194.26	23129.00	215.76	12.64%
	25197.00	237.72			
Sample32	15940.00	142.88	16249.00	145.91	2.69%
	16558.00	148.95			
Sample33	87198.00	1153.02	89414.00	1196.30	3.51%
	91631.00	1240.41			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	82742.00	1068.44	81790.00	1050.80	1.65%
	80839.00	1033.31			
Sample35	33362.00	329.11	33630.00	332.24	1.13%
	33899.00	335.39			
Sample36	21633.00	200.17	21374.00	197.49	1.71%
	21116.00	194.83			
Sample37	19969.00	183.09	24190.00	226.97	24.67%
	28410.00	272.77			
Sample38	20606.00	189.59	19652.00	179.87	6.87%
	18698.00	170.23			
Sample39	54155.00	598.89	47752.00	509.82	18.96%
	41349.00	426.18			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

## Detail Report

### B6.INF-b

5-P.log(6,56, 12,82, 0,69, 7,00, 0,48)

Chi=0.032%, CV=0.71%, R<sup>2</sup>=1, DC=(3.27, 13119)

Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	776.00	NAN	737.00	NAN	7.48%	
		698.00	NAN				
C1	2.44	799.00	3.90	790.00	3.41	1.61%	139.61%
		781.00	<3.27				
C2	9.77	790.00	3.41	892.00	9.63	16.17%	98.58%
		994.00	16.75				
C3	39.06	1248.00	36.01	1227.00	34.38	2.42%	88.02%
		1206.00	32.75				
C4	156.25	2821.00	157.35	2882.00	161.85	2.97%	103.59%
		2942.00	166.35				
C5	625.00	10402.00	688.97	9720.00	641.48	9.92%	102.64%
		9038.00	594.17				
C6	2500.00	27779.00	2049.87	31023.00	2348.31	14.79%	93.93%
		34267.00	2663.86				
C7	10000.00	84913.00	10759.72	83687.00	10469.91	2.07%	104.70%
		82461.00	10186.08				

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	613.00	<3.27	613.50	<3.27	0.12%
	614.00	<3.27			
Sample02	989.00	16.39	995.50	16.86	0.92%
	1002.00	17.33			
Sample03	897.00	9.96	896.50	9.93	0.08%
	896.00	9.89			
Sample04	732.00	<3.27	709.00	<3.27	4.59%
	686.00	<3.27			
Sample05	680.00	<3.27	663.50	<3.27	3.52%
	647.00	<3.27			
Sample06	921.00	11.59	927.00	12.00	0.92%
	933.00	12.42			
Sample07	825.00	5.39	859.00	7.48	5.6%
	893.00	9.69			
Sample08	771.00	<3.27	739.50	<3.27	6.02%
	708.00	<3.27			
Sample09	731.00	<3.27	692.50	<3.27	7.86%
	654.00	<3.27			
Sample10	625.00	<3.27	614.50	<3.27	2.42%
	604.00	<3.27			
Sample11	910.00	10.84	946.00	13.32	5.38%
	982.00	15.88			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	853.00	7.10	862.00	7.67	1.48%
	871.00	8.25			
Sample13	656.00	<3.27	679.50	<3.27	4.89%
	703.00	<3.27			
Sample14	724.00	<3.27	683.00	<3.27	8.49%
	642.00	<3.27			
Sample15	954.00	13.89	952.00	13.75	0.3%
	950.00	13.61			
Sample16	871.00	8.25	897.00	9.96	4.1%
	923.00	11.73			
Sample17	731.00	<3.27	740.00	<3.27	1.72%
	749.00	<3.27			
Sample18	646.00	<3.27	637.00	<3.27	2%
	628.00	<3.27			
Sample19	601.00	<3.27	629.00	<3.27	6.3%
	657.00	<3.27			
Sample20	948.00	13.47	946.00	13.32	0.3%
	944.00	13.18			
Sample21	866.00	7.93	862.50	7.70	0.57%
	859.00	7.48			
Sample22	748.00	<3.27	746.00	<3.27	0.38%
	744.00	<3.27			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	662.00	<3.27	703.00	<3.27	8.25%
	744.00	<3.27			
Sample24	1096.00	24.32	1096.00	24.29	0.06%
	1095.00	24.25			
Sample25	870.00	8.18	911.50	10.94	6.44%
	953.00	13.82			
Sample26	881.00	8.90	885.00	9.16	0.64%
	889.00	9.43			
Sample27	702.00	<3.27	699.50	<3.27	0.51%
	697.00	<3.27			
Sample28	638.00	<3.27	629.50	<3.27	1.91%
	621.00	<3.27			
Sample29	899.00	10.09	911.00	10.91	1.86%
	923.00	11.73			
Sample30	880.00	8.84	859.00	7.48	3.46%
	838.00	6.17			
Sample31	632.00	<3.27	659.00	<3.27	5.79%
	686.00	<3.27			
Sample32	672.00	<3.27	664.50	<3.27	1.6%
	657.00	<3.27			
Sample33	894.00	9.76	853.50	7.13	6.71%
	813.00	4.69			



## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	839.00	6.23	819.50	5.06	3.37%
	800.00	3.95			
Sample35	672.00	<3.27	669.50	<3.27	0.53%
	667.00	<3.27			
Sample36	627.00	<3.27	631.00	<3.27	0.9%
	635.00	<3.27			
Sample37	645.00	<3.27	674.00	<3.27	6.08%
	703.00	<3.27			
Sample38	636.00	<3.27	634.50	<3.27	0.33%
	633.00	<3.27			
Sample39	630.00	<3.27	640.00	<3.27	2.21%
	650.00	<3.27			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

## Detail Report

B7.II-10							
5-P.log(5,51, 15,74, 0,44, 5,67, 0,27)							
Chi=0.048%, CV=0.89%, R²=1, DC=(1.78, 19156)							
Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	542.00	NAN	504.00	NAN	10.66%	
		466.00	NAN				
C1	2.44	888.00	2.72	853.00	2.51	5.8%	102.81%
		818.00	2.30				
C2	9.77	1798.00	8.72	1920.00	9.56	8.99%	97.91%
		2042.00	10.40				
C3	39.06	5812.00	36.52	6021.00	37.96	4.91%	97.19%
		6230.00	39.40				
C4	156.25	24256.00	164.93	24238.00	164.80	0.11%	105.47%
		24220.00	164.67				
C5	625.00	84684.00	670.45	81428.00	639.23	5.66%	102.28%
		78171.00	608.49				
C6	2500.00	188872.00	1939.16	2.03E+5	2170.13	10.48%	86.80%
		219109.00	2413.96				
C7	10000.00	549570.00	11738.98	5.34E+5	11095.21	4.11%	110.95%
		518539.00	10475.24				

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	472.00	<1.78	471.00	<1.78	0.3%
	470.00	<1.78			
Sample02	185547.00	1890.06	1.94E+5	2018.00	6.25%
	202706.00	2150.02			
Sample03	48607.00	350.57	49800.00	360.26	3.39%
	50993.00	370.01			
Sample04	2194.00	11.45	2274.00	12.01	5.01%
	2355.00	12.57			
Sample05	1437.00	6.27	1510.00	6.76	6.84%
	1583.00	7.26			
Sample06	229593.00	2590.77	2.27E+5	2561.89	1.05%
	226219.00	2533.17			
Sample07	55041.00	403.53	61972.00	462.53	15.82%
	68904.00	523.58			
Sample08	2749.00	15.31	2691.00	14.90	3.05%
	2633.00	14.50			
Sample09	1751.00	8.40	1732.00	8.27	1.51%
	1714.00	8.15			
Sample10	549.00	<1.78	525.00	<1.78	6.46%
	501.00	<1.78			
Sample11	297593.00	3900.03	3.01E+5	3981.51	1.77%
	305157.00	4063.96			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	85145.00	674.90	88522.00	707.85	5.39%
	91898.00	741.31			
Sample13	6608.00	42.00	6484.00	41.15	2.7%
	6360.00	40.30			
Sample14	6442.00	40.86	6678.00	42.49	5.01%
	6915.00	44.11			
Sample15	302963.00	4016.01	3.02E+5	4006.78	0.2%
	302115.00	3997.57			
Sample16	84625.00	669.88	85808.00	681.33	1.95%
	86991.00	692.85			
Sample17	4048.00	24.33	4386.00	26.68	10.9%
	4724.00	29.01			
Sample18	3605.00	21.26	3652.00	21.58	1.8%
	3698.00	21.90			
Sample19	443.00	<1.78	471.50	<1.78	8.55%
	500.00	<1.78			
Sample20	308959.00	4147.80	3.23E+5	4470.76	6.23%
	337456.00	4807.79			
Sample21	58650.00	434.00	58645.00	433.95	0.01%
	58640.00	433.91			
Sample22	5762.00	36.18	6088.00	38.43	7.57%
	6414.00	40.67			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	1293.00	5.31	1388.00	5.95	9.73%
	1484.00	6.59			
Sample24	259708.00	3135.04	2.52E+5	2996.12	4.15%
	244899.00	2860.55			
Sample25	56796.00	418.28	55974.00	411.36	2.08%
	55153.00	404.47			
Sample26	9724.00	63.38	10005.00	65.31	3.97%
	10286.00	67.24			
Sample27	1506.00	6.74	1508.00	6.75	0.19%
	1510.00	6.76			
Sample28	460.00	<1.78	465.50	<1.78	1.67%
	471.00	<1.78			
Sample29	337786.00	4815.76	3.52E+5	5188.40	6.04%
	367937.00	5577.62			
Sample30	76665.00	594.43	77582.00	602.97	1.67%
	78498.00	611.55			
Sample31	7342.00	47.05	6714.00	42.73	13.24%
	6085.00	38.40			
Sample32	1483.00	6.58	1490.00	6.62	0.62%
	1496.00	6.67			
Sample33	277163.00	3476.08	2.84E+5	3622.37	3.58%
	291561.00	3772.02			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	41561.00	294.51	37208.00	260.87	16.54%
	32856.00	227.95			
Sample35	3546.00	20.85	3704.00	21.94	6.01%
	3861.00	23.04			
Sample36	1324.00	5.52	1280.00	5.22	4.86%
	1236.00	4.93			
Sample37	959.00	3.16	989.00	3.34	4.29%
	1019.00	3.53			
Sample38	979.00	3.28	1026.00	3.58	6.48%
	1073.00	3.88			
Sample39	4496.00	27.44	3504.00	20.56	40.01%
	2513.00	13.67			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

# Detail Report

## B9.IFN-y

5-P.log(6,01, 16,49, 0,11, 7,72, 0,70)

Chi=0.050%, CV=1.04%, R²=0.999, DC=(2.56, 13595)

Sample ID	Expected pg/ml	MFI	pg/ml	Avg(MFI)	pg/ml	CV	Recovery
C0	0.00	570.00	NAN	540.50	NAN	7.72%	
		511.00	NAN				
C1	2.44	631.00	3.44	615.50	3.07	3.56%	125.73%
		600.00	2.71				
C2	9.77	732.00	6.15	812.00	8.55	13.93%	87.54%
		892.00	11.11				
C3	39.06	1566.00	35.61	1586.00	36.36	1.74%	93.08%
		1605.00	37.10				
C4	156.25	4906.00	161.34	5003.00	164.84	2.74%	105.50%
		5100.00	168.34				
C5	625.00	21260.00	686.27	20032.00	649.49	8.67%	103.92%
		18804.00	612.45				
C6	2500.00	71885.00	2121.68	78868.00	2317.39	12.52%	92.70%
		85850.00	2513.74				
C7	10000.00	345368.00	10917.73	3.31E+5	10399.11	5.94%	103.99%
		317514.00	9888.95				

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample01	506.00	<2.56	516.00	<2.56	2.74%
	526.00	<2.56			
Sample02	652508.00	>13595.44	6.56E+5	>13595.44	0.87%
	660579.00	>13595.44			
Sample03	501988.00	>13595.44	5.13E+5	>13595.44	3.21%
	525315.00	>13595.44			
Sample04	83134.00	2437.28	85897.00	2515.06	4.55%
	88660.00	2592.97			
Sample05	25437.00	809.77	27016.00	855.89	8.26%
	28594.00	901.77			
Sample06	762792.00	>13595.44	7.53E+5	>13595.44	1.71%
	744577.00	>13595.44			
Sample07	597096.00	>13595.44	5.93E+5	>13595.44	0.85%
	589947.00	>13595.44			
Sample08	161445.00	4713.52	1.65E+5	4827.01	3.21%
	168938.00	4940.97			
Sample09	40118.00	1231.34	40828.00	1251.42	2.46%
	41538.00	1271.49			
Sample10	574.00	<2.56	559.50	<2.56	3.67%
	545.00	<2.56			
Sample11	623787.00	>13595.44	6.28E+5	>13595.44	1.09%
	633505.00	>13595.44			



## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample12	442112.00	>13595.44	4.50E+5	>13595.44	2.76%
	459730.00	>13595.44			
Sample13	100582.00	2930.82	1.08E+5	3151.54	10.09%
	116042.00	3373.72			
Sample14	77310.00	2273.69	80234.00	2355.75	5.15%
	83157.00	2437.93			
Sample15	735772.00	>13595.44	7.21E+5	>13595.44	2.76%
	707639.00	>13595.44			
Sample16	607126.00	>13595.44	6.13E+5	>13595.44	1.49%
	620032.00	>13595.44			
Sample17	161903.00	4727.38	1.71E+5	5016.89	7.86%
	180947.00	5309.55			
Sample18	74867.00	2205.20	74954.00	2207.65	0.17%
	75042.00	2210.11			
Sample19	511.00	<2.56	522.00	<2.56	2.98%
	533.00	<2.56			
Sample20	802276.00	>13595.44	8.07E+5	>13595.44	0.86%
	812148.00	>13595.44			
Sample21	757257.00	>13595.44	7.41E+5	>13595.44	3.06%
	725169.00	>13595.44			
Sample22	453305.00	>13595.44	4.66E+5	>13595.44	4.04%
	479961.00	>13595.44			

# Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample23	155855.00	4545.07	1.63E+5	4789.58	6.99%
	172060.00	5036.31			
Sample24	803554.00	>13595.44	8.08E+5	>13595.44	0.85%
	813242.00	>13595.44			
Sample25	669503.00	>13595.44	7.27E+5	>13595.44	11.22%
	784851.00	>13595.44			
Sample26	758662.00	>13595.44	7.53E+5	>13595.44	0.97%
	748344.00	>13595.44			
Sample27	481852.00	>13595.44	4.81E+5	>13595.44	0.18%
	480641.00	>13595.44			
Sample28	527.00	<2.56	523.50	<2.56	0.95%
	520.00	<2.56			
Sample29	739872.00	>13595.44	7.57E+5	>13595.44	3.2%
	774138.00	>13595.44			
Sample30	675774.00	>13595.44	6.62E+5	>13595.44	2.8%
	649497.00	>13595.44			
Sample31	212691.00	6308.82	2.50E+5	7556.96	21.46%
	288790.00	8863.01			
Sample32	77036.00	2266.01	78576.00	2309.21	2.77%
	80116.00	2352.45			
Sample33	740175.00	>13595.44	7.36E+5	>13595.44	0.62%
	733736.00	>13595.44			

## Detail Report

Sample ID	MFI	pg/ml	Avg(MFI)	pg/ml	CV
Sample34	563866.00	>13595.44	5.69E+5	>13595.44	1.49%
	575901.00	>13595.44			
Sample35	215429.00	6396.77	2.22E+5	6612.72	4.26%
	228801.00	6830.40			
Sample36	52660.00	1584.05	51402.00	1548.80	3.46%
	50143.00	1513.53			
Sample37	113437.00	3298.67	2.51E+5	7587.63	77.67%
	389871.00	12632.97			
Sample38	12834.00	427.68	16794.00	551.21	33.35%
	20755.00	671.17			
Sample39	51305.00	1546.10	50896.00	1534.62	1.14%
	50486.00	1523.15			

### Notes:

NAN: Curve fitting failed; N/A: Data marked out; ND: Missing original data

Header Information		
Sample ID	File Name	File Folder
F001	LP 13 C0-001 00006735 001.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F002	LP 13 C0-002 00006736 002.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F003	LP 13 C1-003 00006737 003.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F004	LP 13 C1-004 00006738 004.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F005	LP 13 C2-005 00006739 005.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F006	LP 13 C2-006 00006740 006.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F007	LP 13 C3-007 00006741 007.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F008	LP 13 C3-008 00006742 008.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F009	LP 13 C4-009 00006743 009.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F010	LP 13 C4-010 00006744 010.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F011	LP 13 C5-011 00006745 011.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F012	LP 13 C5-012 00006746 012.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F013	LP 13 C6-013 00006747 013.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus

## Detail Report

F014	LP 13 C6-014 00006748 014.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F015	LP 13 C7-015 00006749 015.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
F016	LP 13 C7-016 00006750 016.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample01	LP 13 S01-025 00006751 017.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample01	LP 13 S01-026 00006752 018.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample02	LP 13 S02-027 00006753 019.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample02	LP 13 S02-028 00006754 020.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample03	LP 13 S03-029 00006755 021.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample03	LP 13 S03-030 00006756 022.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample04	LP 13 S04-031 00006757 023.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample04	LP 13 S04-032 00006758 024.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample05	LP 13 S05-033 00006759 025.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample05	LP 13 S05-034 00006760 026.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample06	LP 13 S06-035 00006761 027.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample06	LP 13 S06-036 00006762 028.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus

## Detail Report

Sample07	LP 13 S07-037 00006763 029.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample07	LP 13 S07-038 00006764 030.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample08	LP 13 S08-039 00006765 031.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample08	LP 13 S08-040 00006766 032.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample09	LP 13 S09-041 00006767 001.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample09	LP 13 S09-042 00006768 002.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample10	LP 13 S10-043 00006769 003.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample10	LP 13 S10-044 00006770 004.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample11	LP 13 S11-045 00006771 005.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample11	LP 13 S11-046 00006772 006.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample12	LP 13 S12-047 00006773 007.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample12	LP 13 S12-048 00006774 008.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample13	LP 13 S13-049 00006775 009.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample13	LP 13 S13-050 00006776 010.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample14	LP 13 S14-051 00006777 011.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus

## Detail Report

Sample14	LP 13 S14-052 00006778 012.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample15	LP 13 S15-053 00006779 013.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample15	LP 13 S15-054 00006780 014.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample16	LP 13 S16-055 00006781 015.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample16	LP 13 S16-056 00006782 016.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample17	LP 13 S17-057 00006783 017.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample17	LP 13 S17-058 00006784 018.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample18	LP 13 S18-059 00006785 019.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample18	LP 13 S18-060 00006786 020.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample19	LP 13 S19-061 00006787 021.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample19	LP 13 S19-062 00006788 022.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample20	LP 13 S20-063 00006789 023.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample20	LP 13 S20-064 00006790 024.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample21	LP 13 S21-065 00006791 025.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample21	LP 13 S21-066 00006792 026.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus

## Detail Report

Sample22	LP 13 S22-067 00006793 027.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample22	LP 13 S22-068 00006794 028.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample23	LP 13 S23-069 00006795 029.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample23	LP 13 S23-070 00006796 030.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample24	LP 13 S24-071 00006797 031.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample24	LP 13 S24-072 00006798 032.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample25	LP 13 S25-073 00006799 001.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample25	LP 13 S25-074 00006800 002.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample26	LP 13 S26-075 00006801 003.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample26	LP 13 S26-076 00006802 004.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample27	LP 13 S27-077 00006803 005.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample27	LP 13 S27-078 00006804 006.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample28	LP 13 S28-079 00006805 007.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample28	LP 13 S28-080 00006806 008.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample29	LP 13 S29-081 00006807 009.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus



## Detail Report

Sample29	LP 13 S29-082 00006808 010.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample30	LP 13 S30-083 00006809 011.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample30	LP 13 S30-084 00006810 012.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample31	LP 13 S31-085 00006811 013.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample31	LP 13 S31-086 00006812 014.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample32	LP 13 S32-087 00006813 015.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample32	LP 13 S32-088 00006814 016.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample33	LP 13 S33-089 00006815 017.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample33	LP 13 S33-090 00006816 018.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample34	LP 13 S34-091 00006817 019.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample34	LP 13 S34-092 00006818 020.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample35	LP 13 S35-093 00006819 021.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample35	LP 13 S35-094 00006820 022.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample36	LP 13 S36-095 00006821 023.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample36	LP 13 S36-096 00006822 024.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus

## Detail Report

Sample37	LP 13 V1-018 00006823 025.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample37	LP 13 V2-019 00006824 026.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample38	LP 13 V3-020 00006825 027.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample38	LP 13 V4-021 00006826 028.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample39	LP 13 V5-022 00006827 029.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus
Sample39	LP 13 V6-023 00006828 030.LMD	F:\Beckman Coulter User Data\users\Lisa Marie\LEGENDPlex\15-06-2016 Anti-Virus

Sample ID	Sample Tube(.fcs)	File Create	FCS	Total Bead(#)	Signal Channel (#)
F001	F001	01-01-0001 00:00:00	V3.0	4313	13
F002	F002	01-01-0001 00:00:00	V3.0	4335	13
F003	F003	01-01-0001 00:00:00	V3.0	4336	13
F004	F004	01-01-0001 00:00:00	V3.0	4339	13
F005	F005	01-01-0001 00:00:00	V3.0	4298	13
F006	F006	01-01-0001 00:00:00	V3.0	4342	13
F007	F007	01-01-0001 00:00:00	V3.0	4336	13
F008	F008	01-01-0001 00:00:00	V3.0	4337	13
F009	F009	01-01-0001 00:00:00	V3.0	4289	13
F010	F010	01-01-0001 00:00:00	V3.0	4397	13
F011	F011	01-01-0001 00:00:00	V3.0	4336	13
F012	F012	01-01-0001 00:00:00	V3.0	4333	13

## Detail Report

F013	F013	01-01-0001 00:00:00	V3.0	4354	13
F014	F014	01-01-0001 00:00:00	V3.0	4315	13
F015	F015	01-01-0001 00:00:00	V3.0	4365	13
F016	F016	01-01-0001 00:00:00	V3.0	4442	13
Sample01	Sample01	01-01-0001 00:00:00	V3.0	4292	13
Sample01	Sample01	01-01-0001 00:00:00	V3.0	4295	13
Sample02	Sample02	01-01-0001 00:00:00	V3.0	4350	13
Sample02	Sample02	01-01-0001 00:00:00	V3.0	4310	13
Sample03	Sample03	01-01-0001 00:00:00	V3.0	4311	13
Sample03	Sample03	01-01-0001 00:00:00	V3.0	4322	13
Sample04	Sample04	01-01-0001 00:00:00	V3.0	4311	13
Sample04	Sample04	01-01-0001 00:00:00	V3.0	4279	13
Sample05	Sample05	01-01-0001 00:00:00	V3.0	4272	13
Sample05	Sample05	01-01-0001 00:00:00	V3.0	4297	13
Sample06	Sample06	01-01-0001 00:00:00	V3.0	4321	13
Sample06	Sample06	01-01-0001 00:00:00	V3.0	4383	13
Sample07	Sample07	01-01-0001 00:00:00	V3.0	4338	13
Sample07	Sample07	01-01-0001 00:00:00	V3.0	4371	13
Sample08	Sample08	01-01-0001 00:00:00	V3.0	4322	13
Sample08	Sample08	01-01-0001 00:00:00	V3.0	4331	13
Sample09	Sample09	01-01-0001 00:00:00	V3.0	4300	13
Sample09	Sample09	01-01-0001 00:00:00	V3.0	4269	13

## Detail Report

Sample10	Sample10	01-01-0001 00:00:00	V3.0	4319	13
Sample10	Sample10	01-01-0001 00:00:00	V3.0	4302	13
Sample11	Sample11	01-01-0001 00:00:00	V3.0	4313	13
Sample11	Sample11	01-01-0001 00:00:00	V3.0	4292	13
Sample12	Sample12	01-01-0001 00:00:00	V3.0	4283	13
Sample12	Sample12	01-01-0001 00:00:00	V3.0	4293	13
Sample13	Sample13	01-01-0001 00:00:00	V3.0	4284	13
Sample13	Sample13	01-01-0001 00:00:00	V3.0	4315	13
Sample14	Sample14	01-01-0001 00:00:00	V3.0	4315	13
Sample14	Sample14	01-01-0001 00:00:00	V3.0	4294	13
Sample15	Sample15	01-01-0001 00:00:00	V3.0	4255	13
Sample15	Sample15	01-01-0001 00:00:00	V3.0	4298	13
Sample16	Sample16	01-01-0001 00:00:00	V3.0	4289	13
Sample16	Sample16	01-01-0001 00:00:00	V3.0	4301	13
Sample17	Sample17	01-01-0001 00:00:00	V3.0	4268	13
Sample17	Sample17	01-01-0001 00:00:00	V3.0	4287	13
Sample18	Sample18	01-01-0001 00:00:00	V3.0	4319	13
Sample18	Sample18	01-01-0001 00:00:00	V3.0	4309	13
Sample19	Sample19	01-01-0001 00:00:00	V3.0	4317	13
Sample19	Sample19	01-01-0001 00:00:00	V3.0	4306	13
Sample20	Sample20	01-01-0001 00:00:00	V3.0	4286	13
Sample20	Sample20	01-01-0001 00:00:00	V3.0	4305	13

## Detail Report

Sample21	Sample21	01-01-0001 00:00:00	V3.0	4303	13
Sample21	Sample21	01-01-0001 00:00:00	V3.0	4317	13
Sample22	Sample22	01-01-0001 00:00:00	V3.0	4307	13
Sample22	Sample22	01-01-0001 00:00:00	V3.0	4314	13
Sample23	Sample23	01-01-0001 00:00:00	V3.0	4296	13
Sample23	Sample23	01-01-0001 00:00:00	V3.0	4304	13
Sample24	Sample24	01-01-0001 00:00:00	V3.0	4340	13
Sample24	Sample24	01-01-0001 00:00:00	V3.0	4312	13
Sample25	Sample25	01-01-0001 00:00:00	V3.0	4312	13
Sample25	Sample25	01-01-0001 00:00:00	V3.0	4338	13
Sample26	Sample26	01-01-0001 00:00:00	V3.0	4333	13
Sample26	Sample26	01-01-0001 00:00:00	V3.0	4321	13
Sample27	Sample27	01-01-0001 00:00:00	V3.0	4322	13
Sample27	Sample27	01-01-0001 00:00:00	V3.0	4323	13
Sample28	Sample28	01-01-0001 00:00:00	V3.0	4283	13
Sample28	Sample28	01-01-0001 00:00:00	V3.0	4313	13
Sample29	Sample29	01-01-0001 00:00:00	V3.0	4310	13
Sample29	Sample29	01-01-0001 00:00:00	V3.0	4323	13
Sample30	Sample30	01-01-0001 00:00:00	V3.0	4311	13
Sample30	Sample30	01-01-0001 00:00:00	V3.0	4324	13
Sample31	Sample31	01-01-0001 00:00:00	V3.0	4310	13
Sample31	Sample31	01-01-0001 00:00:00	V3.0	4298	13

## Detail Report

Sample32	Sample32	01-01-0001 00:00:00	V3.0	4319	13
Sample32	Sample32	01-01-0001 00:00:00	V3.0	4329	13
Sample33	Sample33	01-01-0001 00:00:00	V3.0	4323	13
Sample33	Sample33	01-01-0001 00:00:00	V3.0	4287	13
Sample34	Sample34	01-01-0001 00:00:00	V3.0	4339	13
Sample34	Sample34	01-01-0001 00:00:00	V3.0	4308	13
Sample35	Sample35	01-01-0001 00:00:00	V3.0	4291	13
Sample35	Sample35	01-01-0001 00:00:00	V3.0	4310	13
Sample36	Sample36	01-01-0001 00:00:00	V3.0	4279	13
Sample36	Sample36	01-01-0001 00:00:00	V3.0	4334	13
Sample37	Sample37	01-01-0001 00:00:00	V3.0	4261	13
Sample37	Sample37	01-01-0001 00:00:00	V3.0	4289	13
Sample38	Sample38	01-01-0001 00:00:00	V3.0	4346	13
Sample38	Sample38	01-01-0001 00:00:00	V3.0	4317	13
Sample39	Sample39	01-01-0001 00:00:00	V3.0	4268	13
Sample39	Sample39	01-01-0001 00:00:00	V3.0	4324	13
Sample ID	Operator	Operator System	ExportUser	File Export	Instrument
F001					
F002					
F003					
F004					
F005					

F006					
F007					
F008					
F009					
F010					
F011					
F012					
F013					
F014					
F015					
F016					
Sample01					
Sample01					
Sample02					
Sample02					
Sample03					
Sample03					
Sample04					
Sample04					
Sample05					
Sample05					

Sample06					
Sample06					
Sample07					
Sample07					
Sample08					
Sample08					
Sample09					
Sample09					
Sample10					
Sample10					
Sample11					
Sample11					
Sample12					
Sample12					
Sample13					
Sample13					
Sample14					
Sample14					
Sample15					
Sample15					
Sample16					



## Detail Report

Sample16					
Sample17					
Sample17					
Sample18					
Sample18					
Sample19					
Sample19					
Sample20					
Sample20					
Sample21					
Sample21					
Sample22					
Sample22					
Sample23					
Sample23					
Sample24					
Sample24					
Sample25					
Sample25					
Sample26					
Sample26					

Sample27					
Sample27					
Sample28					
Sample28					
Sample29					
Sample29					
Sample30					
Sample30					
Sample31					
Sample31					
Sample32					
Sample32					
Sample33					
Sample33					
Sample34					
Sample34					
Sample35					
Sample35					
Sample36					
Sample36					
Sample37					

## Detail Report

Sample37					
Sample38					
Sample38					
Sample39					
Sample39					
Sample ID	CytNum	CytometerConfigName	TubeName	AutoBs	ApplyCompensation
F001					
F002					
F003					
F004					
F005					
F006					
F007					
F008					
F009					
F010					
F011					
F012					
F013					
F014					
F015					

F016					
Sample01					
Sample01					
Sample02					
Sample02					
Sample03					
Sample03					
Sample04					
Sample04					
Sample05					
Sample05					
Sample06					
Sample06					
Sample07					
Sample07					
Sample08					
Sample08					
Sample09					
Sample09					
Sample10					
Sample10					
Sample11					

## Detail Report

Sample11					
Sample12					
Sample12					
Sample13					
Sample13					
Sample14					
Sample14					
Sample15					
Sample15					
Sample16					
Sample16					
Sample17					
Sample17					
Sample18					
Sample18					
Sample19					
Sample19					
Sample20					
Sample20					
Sample21					
Sample21					
Sample22					

## Detail Report

Sample22					
Sample23					
Sample23					
Sample24					
Sample24					
Sample25					
Sample25					
Sample26					
Sample26					
Sample27					
Sample27					
Sample28					
Sample28					
Sample29					
Sample29					
Sample30					
Sample30					
Sample31					
Sample31					
Sample32					
Sample32					
Sample33					

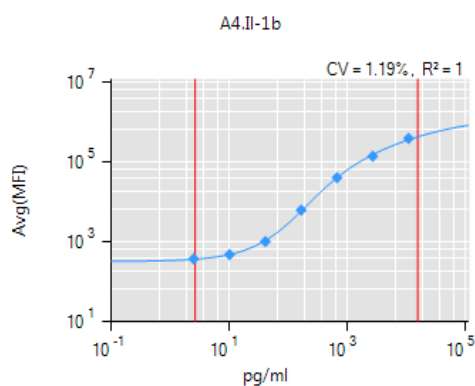
**Detail Report**

Sample33					
Sample34					
Sample34					
Sample35					
Sample35					
Sample36					
Sample36					
Sample37					
Sample37					
Sample38					
Sample38					
Sample39					
Sample39					

## Standard Curves

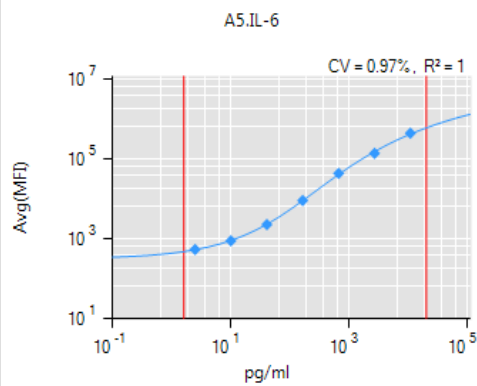
5-P.log(5,73, 14,06, 0,84, 5,95, 0,47)

DC=(2.65, 15649) Chi = 0.057%



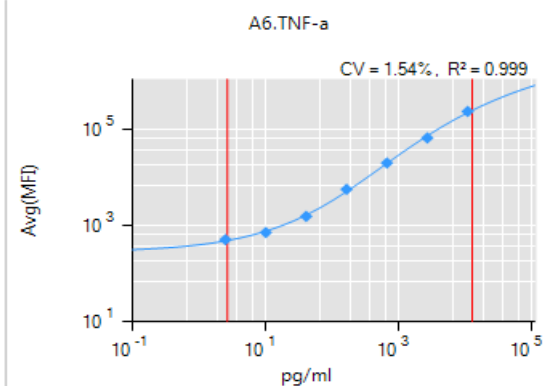
5-P.log(5,71, 15,27, 0,53, 6,41, 0,34)

DC=(1.62, 20324) Chi = 0.048%



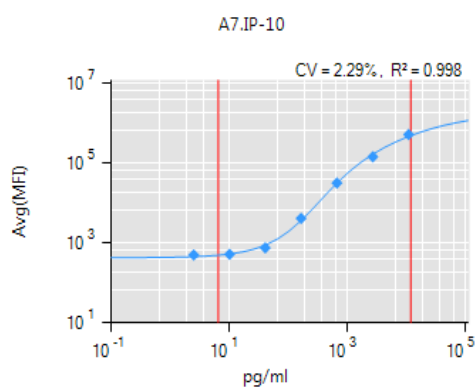
5-P.log(5,59, 15,11, 0,47, 6,98, 0,34)

DC=(2.67, 12758) Chi = 0.073%



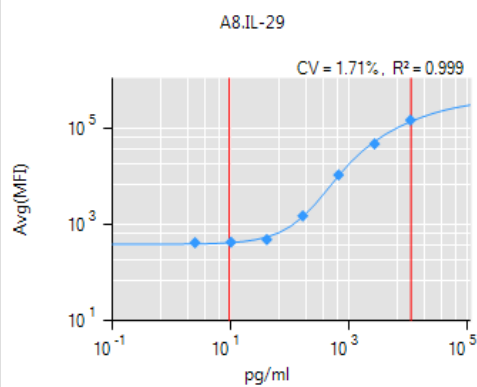
5-P.log(6,00, 14,33, 0,90, 6,37, 0,53)

DC=(6.52, 11947) Chi = 0.11%



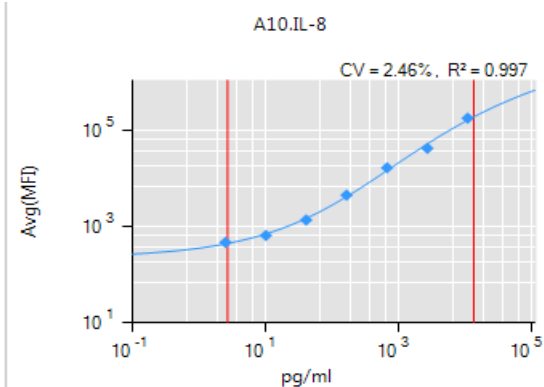
5-P.log(5,92, 12,90, 1,03, 6,59, 0,59)

DC=(9.53, 11235) Chi = 0.075%



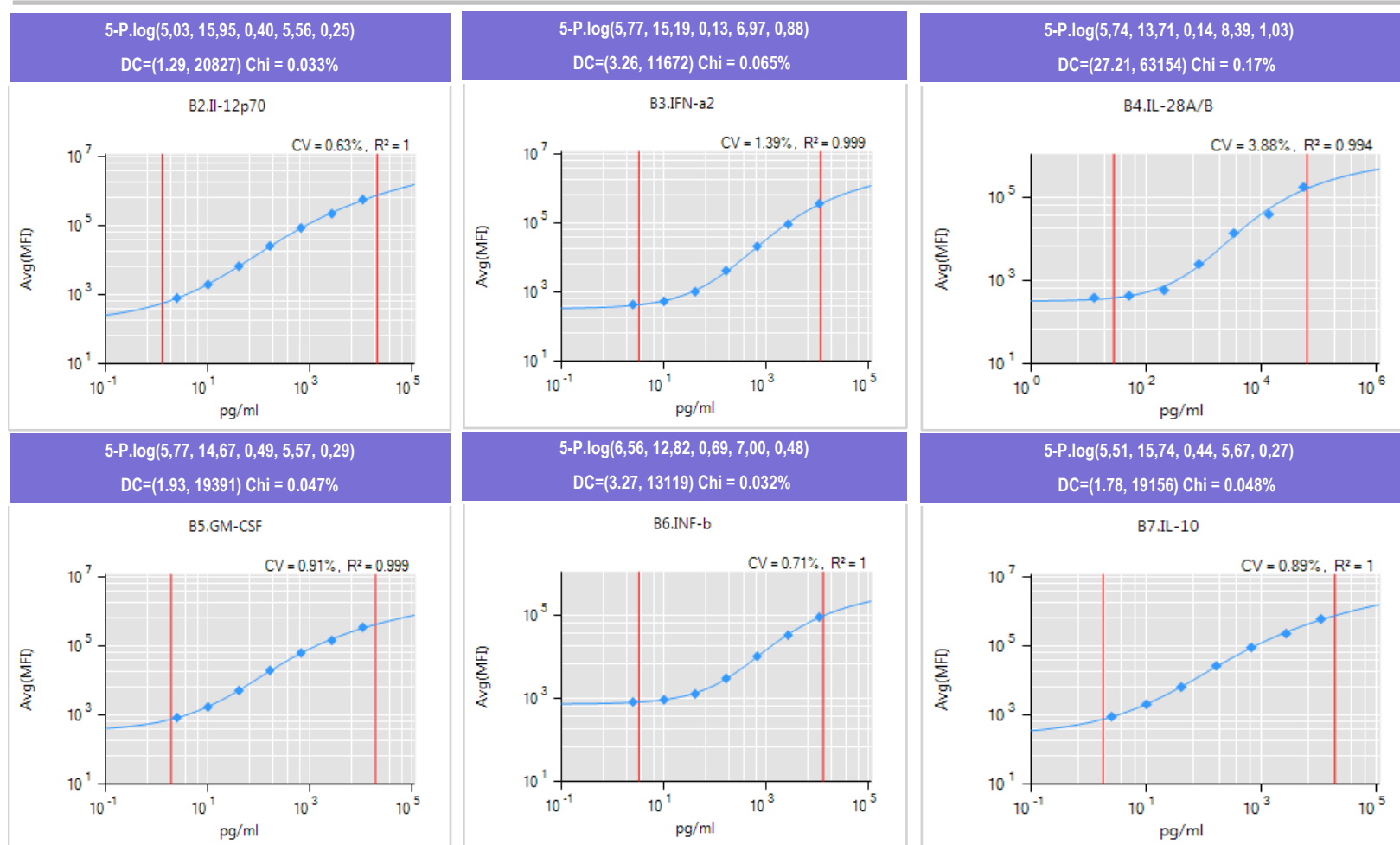
5-P.log(5,38, 15,40, 0,42, 7,37, 0,31)

DC=(2.69, 13543) Chi = 0.11%



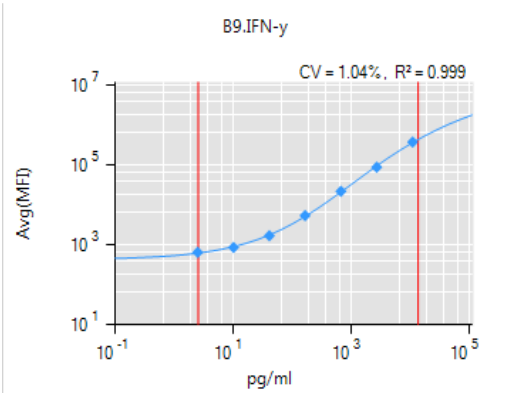


## Detail Report



5-P.log(6,01, 16,49, 0,11, 7,72, 0,70)

DC=(2.56, 13595) Chi = 0.050%



Software:	LEGENDplex 7	
Version:	7.0	
User Name:	Workstation1	
Organization:	Microsoft	
Creation Time:	06/29/2016 11:10:38 Mitteleuropäische Zeit	
Kit Catalog:	<hr/>	
Lot Number:	<hr/>	
Assay Performed By:	<hr/>	
Data Analyzed By:	Signature:	<hr/>
Quality Check:	Date:	<hr/>