

June 6<sup>th</sup>, 2023

2023\_ILT\_06

Specimen	Status	Location	Conc	Date	Notes	Volume	Lym	Lym+Mon	Total
Inf 694-9 a-5	HU ♀ TNL2	Box 20A C2 (3)	<28.17 (~?)			1ml	9.86	13.3	
	a-6	TNL3 (7)	<29.7			1	10.50	14.4	
Inf 282-2 a-4	HEU-1c SLP9	Box 8A F5 (1)	<29.57 (~10)			1	7.68	13.2	
	a-3	SLPB (8)	<29.47			1	8.00	13.9	
Inf 438-5 a-1	HEU-hi TORO	Box 13A D2 (2)	<26.87 (~10)		unknown viral load delivery ?	1	12.70	17.3	
	a-3	TOR2 (9)	<27.67			1	11.40	15.7	
Inf 293-4 a-2	HEU-hi SMAL	Box 8A C7 (4)	<18.87 (~5)		40,000 viral load mon 40K	1	5.15	7.32	
	a-3	SMAL (10)	<20.57			1	5.08	7.65	
ND050		(5)	ISE6 <11.77	1/13/23		1	9.17	12.0	
ND006		(6)	ISE6 <7.127	5/12/23		1	14.80	17.1	

cord thaw 1 spin @ 6:46 am  
 6:46 adult thaw spin @ 6:57  
 7:04 cord thaw 2 @ 7:18 am  
 7:54 am stain count  
 8:26 am count done  
 9:04 almost to PID

DNAse C tips an pellets borderline C T12 results  
 throwing to be safe  
 @ 7:13 am  
 @ 7:36 am

400 APC-RT00  
 CD107A

narrow scan  
 2 antibody  
 vs 2 antibody

let off  
 only leftover  
 of intracellular

Scs w/ 20% PFA @ 7:41 pm

Rbc lyse samples @ 7:21 pm  
 spin 7:27 pm

Fix 12m @ 7:41 → 51 → 8:01

7:46 pm scs done

1st wash @ 8:06 pm

2nd wash @ 8:18 pm

8:31 pm Intracellular → 9:11 pm

9:13 pm (Final Spin)

Done @ 9:25 pm

Incubator @ 9:41 am → 3:41 pm

Abs prepped between 1:10 - 1:40 pm

3:54 pm spindown samples

4:10 pm L/D → 25 spin @ 4:30

4:14 pm Sc spin/out @ 4:26

4:31 pm Sc L/D → 5:46 pm

Scs @ ~4:38 → 4:43 pm

Hot samples @ 4:50 → 5:20 pm

Cold scs @ 5:00 → 5:30 pm

Tets @ 5:42 pm

Abs @ 5:52 pm

Scs fix @ 5:40 → 5:50 pm

2nd wash

Cold samples @ 6:47 pm → 7:17 pm

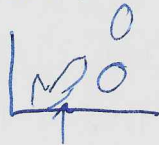
Sc intra 6:50 → 7:32 pm

combined spin  
 @ 6:29 pm

running H2O @ 1:32 pm

@ 1:35 pm : pause? immediate stop?

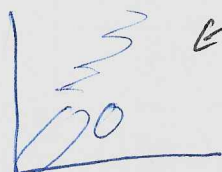
Inf 694 uh!



Lots of c916 in  
left lane c?


Inf 694 @ 2:43 pm

27,800 / 5000



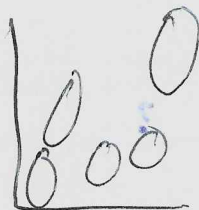
← yeah,  
not healthy  
specimen

Inf 694 (again)

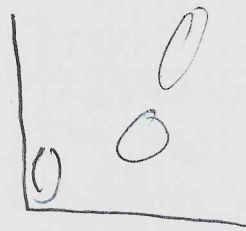
Unstained + ctrl Va  
needs merged   
pma marginally happier :)

Done @ 3:55 pm

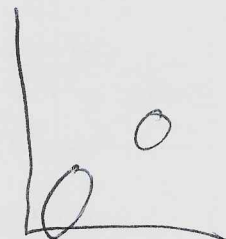
Inf 282



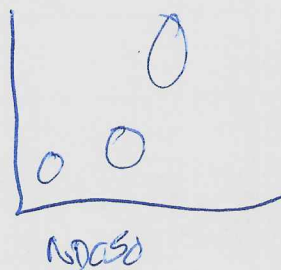
Inf 438



Inf 293



Not a great day for COMCs.



NDC50

Normalized every cell by itself  
vs poisson?

June 5<sup>th</sup>, 2023

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Sample	Total	Volume	Concentration	3M	2.75M	2.5M	2.25M	2.0M	1.75M	1.5M	1.25M	1.0M	0.75M	0.5M
INF694	20.36	2	10.18	0.29	0.27	0.25	0.22	0.20	0.17	0.15	0.12	0.10	0.07	0.05
INF282	15.68	2	7.84	0.38	0.35	0.32	0.29	0.26	0.22	0.19	0.16	0.13	0.10	0.06
INF438	24.1	2	12.05	0.25	0.23	0.21	0.19	0.17	0.15	0.12	0.10	0.08	0.06	0.04
INF293	10.23	2	5.12	0.59	0.54	0.49	0.44	0.39	0.34	0.29	0.24	0.20	0.15	0.10
ND050	9.17	1	9.17	0.33	0.30	0.27	0.25	0.22	0.19	0.16	0.14	0.11	0.08	0.05
ND006	14.8	1	14.80	0.20	0.19	0.17	0.15	0.14	0.12	0.10	0.08	0.07	0.05	0.03

Sample	3M	2.75M	2.5M	2.25M	2.0M	1.75M	1.5M	1.25M	1.0M	0.75M	0.5M
INF694	0.71	0.646	0.587	0.53	0.470	0.411	0.35	0.293	0.235	0.18	0.118
INF282	0.62	0.565	0.514	0.46	0.411	0.360	0.31	0.257	0.205	0.15	0.103
INF438	0.75	0.688	0.626	0.56	0.500	0.438	0.38	0.312	0.250	0.19	0.126
INF293	0.41	0.378	0.344	0.31	0.275	0.241	0.21	0.172	0.137	0.10	0.069
ND050	0.67	0.616	0.560	0.50	0.448	0.392	0.34	0.280	0.224	0.17	0.112
ND006	0.80	0.730	0.664	0.60	0.531	0.465	0.40	0.332	0.265	0.20	0.133

Sample	3M	2.75M	2.5M	2.25M	2.0M	1.75M	1.5M	1.25M	1.0M	0.75M	0.5M
INF694	2	1.83	1.66	1.5	1.32	1.16	1	0.83	0.66	0.5	0.33
INF282	2	1.83	1.66	1.5	1.32	1.16	1	0.83	0.66	0.5	0.33
INF438	2	1.83	1.66	1.5	1.32	1.16	1	0.83	0.66	0.5	0.33
INF293	2	1.83	1.66	1.5	1.32	1.16	1	0.83	0.66	0.5	0.33
ND050	2	1.83	1.66	1.5	1.32	1.16	1	0.83	0.66	0.5	0.33
ND006	2	1.83	1.66	1.5	1.32	1.16	1	0.83	0.66	0.5	0.33

Sample	3M	2.75M	2.5M	2.25M	2.0M	1.75M	1.5M
INF694	6	5.5	5	4.5	4	3.5	3
INF282	6	5.5	5	4.5	4	3.5	3
INF438	6	5.5	5	4.5	4	3.5	3
INF293	6	5.5	5	4.5	4	3.5	3
ND050	6	5.5	5	4.5	4	3.5	3
ND006	6	5.5	5	4.5	4	3.5	3

Volume 1 5.15 5.15  
 Lym 1 5.08 5.08  
 Total 10.23  
 Average 5.115

13.00 4.00  
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	Total	FBS	RBC type	Fix	Perm	PFA
Number Samples	16	128	4/8	4/8	64	0.72
Number Unsaturated	10	80	3	60	0	0.28
Number Surface SCS (34)	30	60	0	6	60	0.72
Number intracellular SCS	6	12	0	1.2	24	0.72
<b>Total</b>		<b>280</b>		<b>7.8</b>	<b>14</b>	<b>1.87</b>

	FBS	Perm	PFA
FBS	140	16.8	
PBS	160	15.1	

	RBC	Perm	PFA
PFA	0.187		
	1.683	0.7/8	

	RBC	Perm	PFA
RBC	0.7/8		
Water	7/02		

First PermWash:	1 ml PermWash 1500 gpm 6 min
Second PermWash:	1 ml PermWash 1500 gpm 6 min
Add Intracellular Stain, incubate @ RT for 40min	
First PermWash:	2 ml PermWash 1500 gpm 6 min
Resuspend in 70 $\mu$ l 0.4% PFA/PBS	
Cap tubes, wrap rack in foil, store at 4°C	





[illegible][illegible]



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