	Specimen	Status	Location	Come	D			2023_	ILT_10	
1					Date	Notes	Volume	Lym	Lym+Mon	Total
NO	Inf636-5	2 1-100 2 TK9 D	(3	. 1		lots of cells, all		11	11	
14300	. Inf809-	1				lysed	in in	~	<u> </u>	
4011		. U6X6	(10)	<7.537	e 11	The eller	1	11.9	14.0	
1520c.		HUD	22AII	2.17	11-11	large dump	1	ll a		
1300 4.	tich 618-7	JON 1	0	28.17			MULTINE.	11.9	15.4	
		1		<12.57			0.5	6.96	1(.)	
1380 c.	Inf665-7	HEU-10	19104	210 4 -		14.2.3	0.0	70		
	-		(4)	<10.97		A **4.	0.5	7.84	12.2	
HOM	Inf 665-7	TLXP	(7)	<11.47			0.5	7.25	11.0	
1200c.	Inf718-6	AEU-hi	20 A G7			- 10 Avo.			11.0	
	Inf718-6	דעטֿן	3	412.157		1000	l	7, 25	11.0	
rusc.	Inf 718-6 a-2	Trans	(Q)	11.27				7 10		
7106.		- 1						7.79	11.0	
. 10	ND050	Adult 31	(3)	(11.27 l)	/13/23		1	9.00	11.8	
11706	ND006	Adult ?		647				(100	,,,,	
4011			(6)	15E6 5,	112/23		1	15.3	18.3	
	10:48	· st.	1 000	111.00		11-07				

10:48 am start spine 11:05 dnase 11:23 resus @ 11:41 start 11:09/spine 11:14 drane liza resuse 11:41 start spine 11:36 diasce 11:32 resuse and god short spin 11:47 drase 105130

12:17 am stain for count 12:33pm count. 1:03 aliquot start

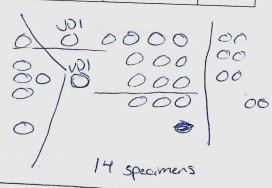
1:23 2:00 pma prepped

Incubation Start @ 2:15 pm -> 8:15 pm

Out of Pernwash 12 70mls left, need 140

8:34 pm cells spin 8:51 pm 1/0 -> 9:06pm everything is trying to screw upop

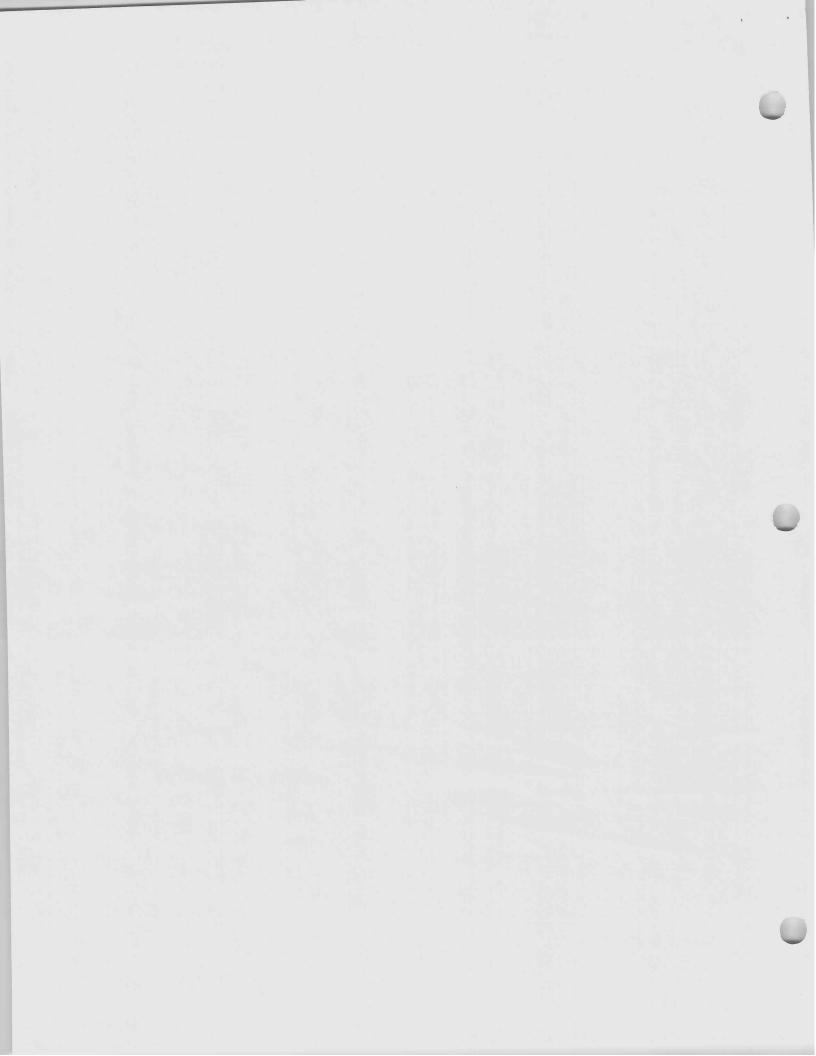
Spine 9:09 pm Hot samples @9:25->9.55 pm tels made @ 9:36 (Grash OP-170) Abs a reagents propped 09:54 pm spin @ 9:59 pm



Tets@10:16 -> 10:56pm Vol 25 EVas 10:23 -> 10:53 pm Sc's aliquot a spin @ 10:45 pm

11:03 pm & 40 > 11:18pm Hotses @ 11:08pm - 11:36pm 5pm@41 Cold samples @ 11.16 pm - 146, cold se's @ 11:27 pm - TU:57pm spr (20cps) G Spine ociolon FixPerm 0 00:15 >25 > 35 1st wash (w 400pl) @ 60:43 2nd much @ 1:02 am 1:18 gm intra / 21 fr & > 1:58 am 1:33 am ses 20pl (depe top) 2-organ final wash (13 mls) Done 2:18 am

/ storte 2:08 pm// CD 10 TA Sundes @ 3:18 pm/ 718 665 25K/4K 11.5/.51 111/1/54 poor viab. 1.4? multiple huts AFs ... 1911/1.711 47/1 12372 75.112 103 aliquet start Incolorion Start



																								4D006	NDOSO	NDOFO 141 / LO	INE718	INERRE		INF636
Γ				Ω	_		7	Γ			_					Г								15.03	٧	13.04	15.02	11 03		otal
				CD107a								PMA	!							R10				1	Ь	~) I.5	, 2	c	Volume
ND006	ND050	OTZINI	INF665	NE COS	N 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	INF636	Sand	ND006	ND050	NIDOTO	INEZ18	INERCE	INF636	Sample		ND006	ND050	81/4NI	INF665	INF809	INF636	Sample		15.03	9.00	7.52	7.35	11.90	#DIV/0!	5
6	6	σ	0	6) (S M		2	2) ~	, ,	, 2	ME	-	0.80%	0.67	0,805	0.89	0.756	####	3M		0.20	0.33	0.40	0.41	0.25	###	
5.5	5.5	5.5	5.5	5.5	į	2.75M		1.83	1.83	1.83	1.83	1.83	1.83	2.75M		0.80 n 0.733	0.640 5 0.555	0,6050 0.550	0.89 110.542	0.7565 0.685	##### #DIV/0!	2.75M		0.18	0.31	0.37	0.37	0.23	# #DIV/0	2.75M
5	G	И	Сī	v	U	2.5M		1.66	1.66	1.66	1.66	1.66	1.66	2.5M		0.667	50.555	0.501	0.493	0.623	#DIV/0!	2.5M		0.17	0.28	0.33	0.34	0.21)! #DIV/	1 2.5M
4.5	4.5	4.5	4.5	4.5	4.5	2.25M		1.5	1.5	1.5	1.5	1.5	1.5	2.25M		0.60	0.50	0.45	0.44	0.56	! #####	2.25M		0.15	0.25	0.30	0.31	0.19	##### #DIV/0! #DIV/0! #####	1 2.25M
4	4	4	4	4	4	2.0M		1.32	1.32	1.32	1.32	1.32	1.32	2.0M		0.533	0.444	0.400	0.394	0.498	#DIV/0!	2.0M		0.13	0.22	0.27	0.27	0.17	#DIV/0!	1 2.0M
3.5	3.5	3.5	3.5	3.5	3.5	1.75M		1.16	1.16	1.16	1.16	1.16	1.16	1.75M	0.00	0.467	0.389	0.350	0.345	0.436	#DIV/0!	1.75M	0.14	0 13	0.19	0.23	0.24	0.15	#DIV/0!	1.75M
ω	ω	ω	ω	ω	ω	1.5M	1	—	Ь	Ь	Ь	Н	ר	1.5M	0.10	0.40	0.33	0.30	0.30	0.37	#####	1.5M	0.10	0 10	0.17	0.20	0.20	0.13	#####	1.5M
							0.00	0 83	0.83	0.83	0.83	0.83	0.83	1.25M	0.000	0.23	0 277	0 250	0.246	0.311	#DIV/0!	1.25M	0.00	0 1	0.14	0.17	0.17	0.11	#DIV/0!	1.25M
			Ь	Ъ	Volume		0.00	99 U	0.66	0.66	0.66	0.66	0.66	1.0M	0.200	0 266	0.222	0.284	0.197	0.249	#DIV/0!	1.0M	0.07	0 0	0 11	0.13	0.14	0.08	#DIV/0!	1.0M
			7.79	7.25	Lym			О Л	0.5	0.5	0.5	0.5	0.5	0.75M	0.20	0.20	0.17				#####	0.75M	0.05	0 0	0 08	0.10	0.10	0.06	#####	0.75M
		15.04	7.79		Total		0.00	0.33	0.33	0.33	0.33	0.33	0.33	0.5M	0.134	0.111	0.101	0 101	0.099	0.125	#DIV/0!	0.5M	0.03	0 0	0 06	0.07	0.07	0.04	#DIV/0!	0.5M
			7.52		Average																	, 9. t	120	1.93		18	۸,	Žu	ī	الم الم

12/28 /6

鱼主要

\$ 06h \$w 1 \$ 545 2 06h \$45

	AF488 hCD1d PBS-57 0.5 AF647 hMR1 5-0P-RU 2	Tetramer Mix	S 1	AF647 Va7 1				And UNSTAINED CONTROLS !!!							25 87				1	19	18 B3	17 80			14 VII	12 V10		11 V/)				00 V	7 1874	-	- 1		6AA 6	2 (W)	1 UV2	- single color (ul)
9.0	5 2.4		1	1.5 12	_					APC/Fire 810	APC/Fire 750	Zombie NIR		AlexaFluor647	APC	PE-vio770	PE-Cy5	PE-Dazzie594	DE PE	PerCP-Cy5 5	Spark blue see	BV786	BV750	BV711	BV650	BV605	87510	BV480	Pacific Blue	Pacific Blue	BV421	808VB	BUV737	BUV661	BUV615	BUV563	BUV496	AF	BUV395	Ref.ctrl name Fluorochrome
Tet.PBS	Tet:PBS		-	0.8		P	2	R.		CD38	CD27	L/p	CD107a	Va7.2/hMR1	CD16	PD1	CD25	TNE	CD26	CD3	Va24/hCD1d	CCR6	IFNY	CD7	CCR7	CD56	CD45RA	CD161	CD19	CD14	CD127	CD4	CXCR3	V82	CCR4	CD69	CD8	AF-UV6	CD62L	Marker
1_9	1_9		5.44	13.6		Pippette draw volume /sample	oro Media	Antibody Iotal		нп2	0323	N/A	H4A3	3C10	368	PD1313	TIGHIA	1011	BA5b	SK7	6811	11A9	827	M-T701	G043H7	5 1011	HI100	HP-3G10	\$125C1	MSE2	A019D5	SK3	1C6/CXCR3	86	161	FNSO	RPA-T8		SK11	Clone
2_18	2 18		6 Zombie	15 PBS		e /sample		-																																Vial Lot #
3_27	30		bie			19.5	14.5 2	+	60			0.0	-	1																										During stim!!!
7		Nun	Nun	N N		Pip	217.5	90	9		^	9	3										-																	15
FBS	Total	Number Surface SCs (29) Number Intracellular SCs	Number Unstained	nber Samples		Pippette draw volume /sample	Brilliant Stain	Antibody Iotal			<1:2500>		<2:10							100	<:10		1				1		1										Townson.	L/D 15 min Tet
075						sample							<2:10/1.2>			200			1	1	<:10/15>																		(6)	Tetramer 40
7			16 5	7		65	50	17.8	1.6	2						1.2		1.5			1.0	4 7	ш	1	1.0		2	3		1.5	1.5			2.0					outili @o.	HotStain
	195 175.5	6		1 1			750	267	24	30				1		18		22.5			6.22	3	15	15	15		30	3		22.5	22.5			30						15
	7.5	00	4.5			59.5	50.0	12.5						0.7	1.5				7.7	10						0.7	0.7	2.0	2.0			1.3	0.7	1	0.5	0.7		1.2	Jumin (@4C	ColdStain
	13.5	5.8	4.5	Fix			750	187.5						10.5	22.5				10.0	100						10.5		30.0	30.0			19.5	10.5		7.5	10.5		18.0		15
	162 145.8	85	90	Perm																																			Fix/Perm	RBC Lyse,
		0.58		PFA		19.5	11	9.5							0.5	0.5	15	2.5	0.1			1.5		0.7	0.1						0.5		0.1		P					Spiked 40 min
							165	142.5							7.5	7.5	77 5	3/.5	1.5		-	22.5		10.5	1.5						7.5		1.5		15.0					15

Simplified Protocol

Thaw cells, DNAse, count.

Collect, count, aliquet cells 2.3.0E+6 Cells R10 / Sml polystyrene tube
Bring volume up to "x" mL R10, add "y" µ PMACtri and "z" µ.CD197a
Cap and incubate at 37°C for 6 hours

Wash with 2 ml PBS, spin down 1300rpm 8min 800 ul of LiveDead mix (1:2500) @RT for 15min Wash 2 ml 5% PBS-FBS, spin 1300 rpm, 8min Add HotStain mix, incubate @37C for 30 min Wash 2 ml 5% PBS.FBS 1400 rpm, 6 min

Add Tetramers, incubate @RT for 10 min Wash 2 ml 5% PBS-FBS 1400 rpm, 6 min

Add ColdStain mix, incubate @ 4C for 30min Add 300-500 ui 1x RBC Lysis for 3 minutes Wash 2 ml 5% PBS-FBS 1400 rpm, 6min

300 ul BD FixPerm, incubate @ 4C for 20min

1 ml PermWash 1500 rpm 6 min 1 ml PermWash 1500 rpm 6 min

Add Intracellular Stain, incubate @ RT for 40min
First PermWash: 2 ml PermWash 1500 rpm 6 min

Resuspend in 70 ul 0.4% PFA-PBS

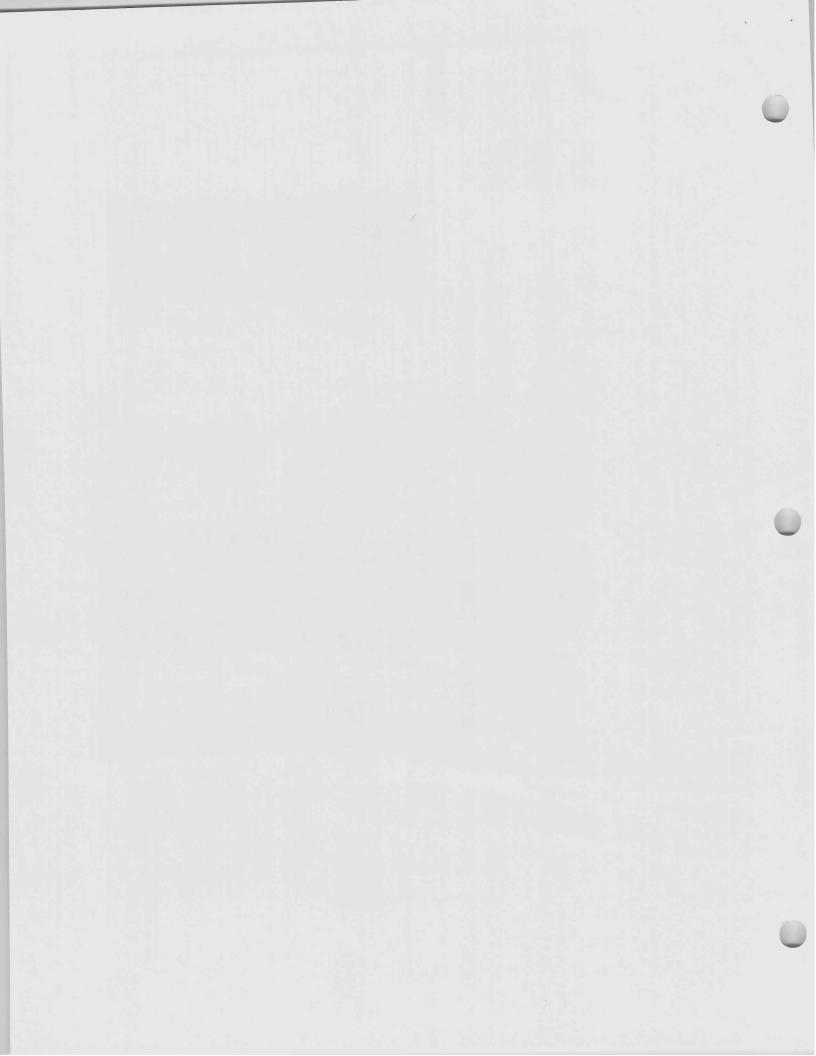
Cap tubes, wrap rack in foil, store at 4°C

PFA 0.145 PBS 1.305
 FBS
 97.5

 PBS
 97.5

Perm Water

(vortex every 10 minutes)



ILT & NK SFC Panel
Spectrum UV

00 ~1	7 ~	N -! -	0 =							
		717 U					458	443	388	373
UV15 UV16	UV14	UV12 UV13	UV11	V10	6An 8An	UV7	UV5	UV3	UV2	UV1
BUV805	BUV737		BUV661	BINGAR	BUV563	BUV496	AF		BUV395	
150	A		[56]		55	55			1001	+
CD4	CXCR3		V82		CD69	CD8			CD62L	
V15	V14	V12 V13	V10 V11	6	£ 5 6	V5		≲ ≤		+
BV786	BV750	BV711	BV605 BV650		BV510	BV480	PacBlue	BV421		Aloiet
[50]	The state of the s	12.0	f091			Ide	[55]	[46]		+
CCR6	IFΝ _γ	CD7	CD56 CCR7		CD45RA	CD161	CD14/19	CD127		
B12 B13 B14	B11	B8 B9 B10	B6 B7	B 84	B2 B3	В.				f
ă		PerCP-Cy5.5	*		FITC/AF488 SparkBlue 550					Blue
		(45) CD26			Vα24/hCD1d CD3					
YG9		YG5	YG3	YG1						
Pe-Vio770		PE-Cy5	PE-Dazzle594	PE						Yellow-Green
3		3	leal.	foel						
PD1		CD25	TNFα	NKG2D						
R6 R7	R5 74	7. 73. 72.	R.							
Zombie NIR APC-Fire 750	7,700	AF647	APC							Red
Viability CD27	CDIO/a	Vα7.2/hMR1	CD16							

