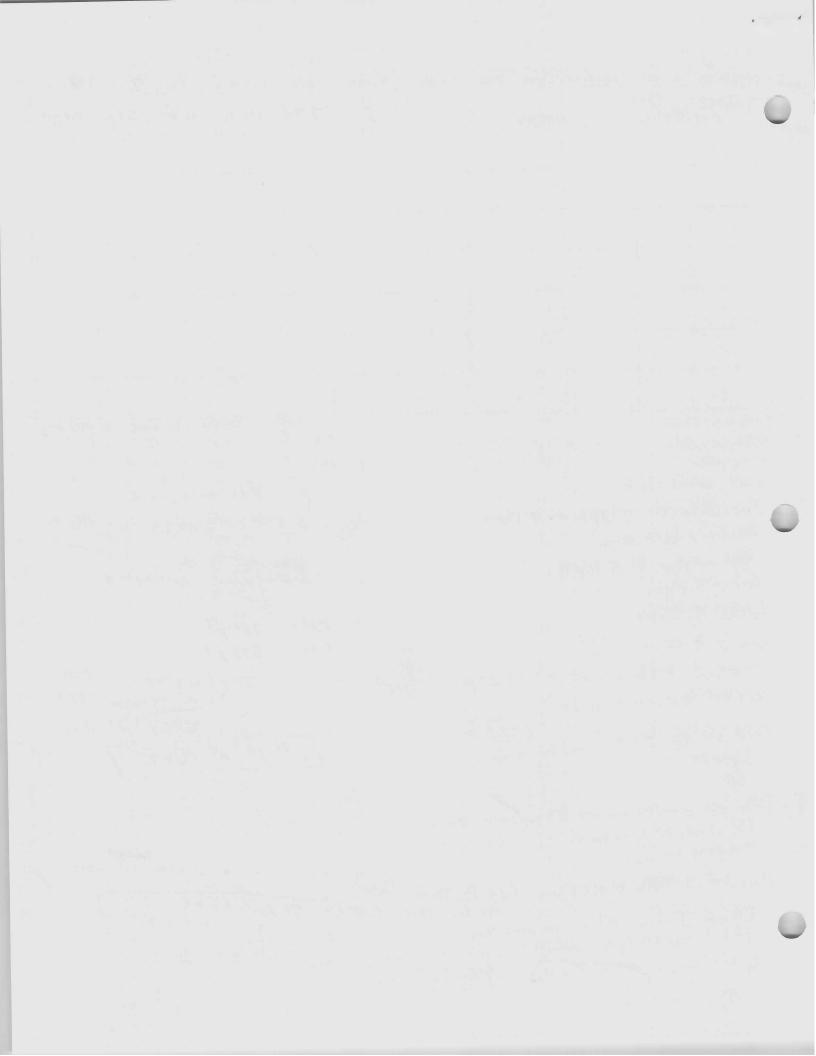
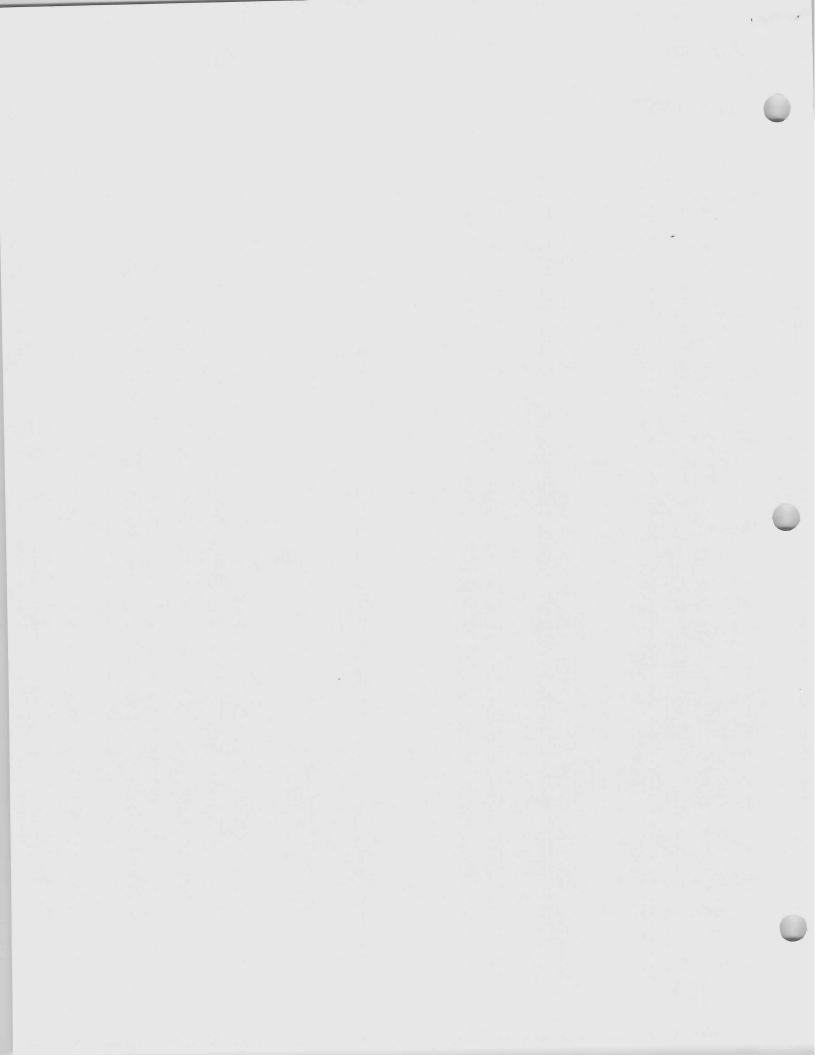
4	e											
	April 15 th , 2	2023						(1:100)	TNFa	Locatio	n	
ngociil	Specimen	Status	Location	Conc	Date	Tasks	Volume	LyEC	Ly+Mon	Total		1.58E+6
250 M 7	Inf142	S7GL	4	7.4/17			2	7.74		15.48		
751												
									-			
	2:05 pm T	how						UN5	CETQU	Daz	ele Pe	. PG53
	2:14 pm 3	Spin					1	PHA C			5	C-
	2:34 Stain 2:47 Co.		+					CHI C	7 44)	
	Incubah	ion @	3:13pm	~ 9:1	3pm		(atte and	دال وم	-ch	
	Ab prod Dene w/ Sporce 9:	€ 8:	30 Pm				7	20	ZM co	,09-5,5.3	10	01012
	Son a	Prep e	9:10 pm	1					Zembie	new .	ccR4	
	4009	35 m						2910		**		
	Spin @ 9							Cells	260-1	•		
	22:070m	H.LK	an al-			7	∞	Rio	•			1210
	22,07pm Val 5@	22150	7 11 20		2:37	m 56	compl		50	*1.32	2 -> 2	05/1
	Cold stan	G 7			57.5					5.28	el of	
	Cold stan Lyse @ Spin							24	// of	CO 107		
FIX	Perme.	00:19	Qm =3	20 1								
				-tan	~~>	39 am						
	400 12	-153 an	1				***		+ 0.	1 CDSU	+0.10	773
	Head stor	- INta	- C1106	am	(15 4	or Duzzle	594	1 00	.5 1.5	46=	9	
	1.19 am (ctrl	Intrace Per-CP-	cellar.	-> Z:0	so Am	ter lesc	P-C755)	1 - 2	7 1.27	c c = 7	1.2	
	Spine 22	,	J 3- 3 de	dalt a	et, me	255edpent	(65?)	1	7.8 > 6:	= 106.8	3	
	/ 1	2:100			Ca	ngy graph	5			17	1.4/1/	
										<u> </u>		

(71.4p)





								_			_	1	^	7
				NA	N	5	NA	:	NA	INF142	2740	, ample	imple	
		7		5	G	1	G	l	5	15.48	1	וסומו	Total	
				1	Н	.	—		Ь	2)	volume	Val	COLON SERVICION
	Sample			5.00	5.00		5.00		5.00	7.74		Sample Total Volume Concentration 3M		
	3M			0.60	0.60		0.60		0.60	0.39		1		
	3M 2.75M 2.5M 2.25M			0.55	0.55		0.55		0.55	0.36		2.75M 2.5M 2.25M		
	2.5M		-	0.50	0.50		0.50		0.50	0.32		2.5M		
	2.25M			0.45	0.45		0.45		0.45	0.29		2.25M		
	2.0M			0.40	0.40		0.40		0.40	0.26		2.0M		
	1.75M			0.35	0.35		0.35		0.35	0.23		1.75M		
	1.5M			0.30	0.30		0.30		0.30	0.19		1.5M		
	1.25M			0.25	0.25	i	0.25		0.25	0.16		1.25M		
1.0.5.	1.0M		01:0	0.20	0.20	0.4.0	0 20		0.20	0.13	T-0141	1 0M		
0.70181	0 75M		C. L.	0 15	0.15	0.10	0 15		0.15	0.10	0./ 3141	0 75M		
2.014	0 5		O.T.O	0 10	0.10	0.10	0 10	0.10	0 10	0.06	INIC.O	0 1		
		L				-					L	ا		

			70									
			PMA							R10		
NA	NA	Z N	Z Z	INF142	Sample		N A	NA	. N	Z Z	NIA Z+1	INE 140
2	2	2	2	2	3M	9	0 40	0.40	0.40	0.40	0.61	2
1.83	1.83	1.83	1.83	1.83	2.75M	0.00	998 0	0.366	0.366	0.366	0.561	7 7
1.66	1.66	1.66	1.66	1.66	2.5M	0.00	0 222	0.333	0.333	0.333	0.510	0 1
1.5	1.5	1.5	1.5	1.5	2.25M	0.50	0 20	0.30	0.30	0.30	0.46	,
1.32	1.32	1.32	1.32	1.32	2.0M	0.200	0 266	0.266	0.266	0.266	0.408	
1.16	1.16	1.16	1.16	1.16	1.75M	0.233	0	0.233	0.233	0.233	0.357	
Ь	Ь	Н	Ь	Ы	1.5M	0.20)	0.20	0.20	0.20	0.31	
0.83	0.83	0.83	0.83	0.83	1.25M	0.166		0.166	0.166	0.166	0.255	
0.66	0.66	0.66	0.66	0.66	1.0M	0.133		0.133	0.133	0.133	0.204	F:0141
0.5	0.5	0.5	0.5	0.5	0.75M	0.10		0.10	0.10	0.10	0.15	0.75141
0 33	0.33	0.33	0.33	0.33	0.5M	0.067	0.007	0.067	0.067	0.067	0.102	C.DIVI

		CDTOV	CD1075		
NA	NA	NA	NA	INF142	Sample
6	6	6	6	6	3M
5.5	5.5	5.5	5.5	5.5	2.75M
Б	5	۲٦.	ъ	5	2.5M 2.25M
4.5	4.5	4.5	4.5	4.5	2.25M
4	4	4	4	4	2.0M
3.5	3.5	3.5	3.5	3.5	1.75M
ω	З	ω	ω	ω	1.5M

	The second secon					F												
	52.6			59.5		65	lume /sample	Pippette draw volume /sample		19.5	ne /sample	Pippette draw volume /sample						
300	50		300	50.0	300	50	Stain	Brilliant Stain	87	14.5		R10 Media				And UNSTAINED CONTROLS !!!	USTAINED	And U
33.6	5.6		75.0	12.5	107	17.8	y Total	Antibody Total	36	6.0		Antibody Total						
					9.6	1.6						ніт2	CD38	APC/Fire 810			3	5
					12	2						0323	CD27	APC/Fire 750			8 2	26
								<1:2500>				N/A	1/0	Zombie NIR			R6	27
	<u><0.25></u>			\7.4/			of moor		36	6.0		H4A3	CD107a	APC-R700			R4	26
			4.2	0.7			<5/100>					3C10	Va7.2/hMR1	AlexaFluor647			R2	25
3.0	<u>0.5</u>		0.0	0.7								3G8	CD16	APC			R1	24
#####				1 1								PD1.3.1.3	PD1	PE-vio770			B13	23
3.0					1.2	1.2						MAb11	TNFa	PerCP-Cy5.5			B10	22
					77	117			1			M-A251	CD25	PE-Cy5			B8	21
3.0	0.5				4							M-A261	CD26	PE-CF594			B6	20
0.6	0.1		1.2	7.2	0	2						1D11	NKG2D	PE			B4	19
	<0.25>		7 7	<1.5>			/3/ TOO2					SK7	CD3	Spark blue 550			B3	18
				2	U	T	<5/100×					6811	Va24/hCD1d	FITC/AF488			B2	17
9.0	T.2				٥	1,5						11A9	CCR6	BV786			V15	16
	1 6											B27	IFNY	BV750				15
6.0	-				6							M-T701	CD7	BV711				14
	2				n 0	1						G043H7	CCR7	BV650				13
					7	10						5.1H11	CD56	BV605			V10	12
			7.4	0.7										BySills				
			40	7.0	1	-						ні100	CD45RA	BV510			57	12
			11.0	1.0	13	v						019Е-ЧН	CD161	BV480				10
			130	20								SJ25C1	CD19	Pacific Blue			100	100
			120	20	,	4.0						M5E2	CD14	Pacific Blue			V3	9
3.0	U.5				0	15						A019D5	CD127	BV421			Y 1	8
	1			AL LANGE BOOK IN	٥	1 5						SK3	CD4	BUV805		6	UV16	7
"""""	20.237		7.8	1.3								1C6/CXCR3	CXCR3	BUV737			U14	6
####	20.05		43	0.7	I							B6	V82	BUV661		1	UV11	5
0.0	1		0.0	0	12	2.0						161	CCR4	BUV615		0		4
0			30	0.5								FN50	CD69	BUV563				. 3
			43	0.7								RPA-T8	CD8	BUV496		7		2
			1.4	7.4									AF-UV6	AF				
	The state of the s		77	1 7								SK11	CD62L	BUV395		2	UV2	1
6	Spiked 30 min @RT	RBC Lyse, then Fix/Perm	6	ColdStain 30min @4C	6	HotStain 30min @37C	Tetramer 40 min @ RT	L/D 15 min (RT)	6	During stim!!!	Vial Lot#	Clone	Marker	Fluorochrome	l) Ref ctrl Unmixing ctrl name	Filter Single color (ul) Ref ctrl		#
		-				The second secon	The state of the s		188	The merchant								

Simplified Protocol

Cap and incubate at 37°C for 6 hours Bring volume upto 1 ml R10, add 2 ul PMA/I Collect, count, aliquot cells 2-3.0E+6 Cells F Thaw cells, DNAse, count.

Wash with 2 ml PBS, spin down 1300rpm 8r 800 ul of LiveDead mix (1:2500) @RT for 15, Wash 2 ml 5% PBS-FBS, spin 1300 rpm, 8m Add HotStain mix, incubate @37C for 30 mi 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 30mi Add 300-500 ul 1x RBC Lysis for 3 minutes Wash 2 ml 5% PBS-FBS 1400 rpm, 6min

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

(vortex ever)

Second Perm Wash: 1 ml PermW; 1 ml PermW;

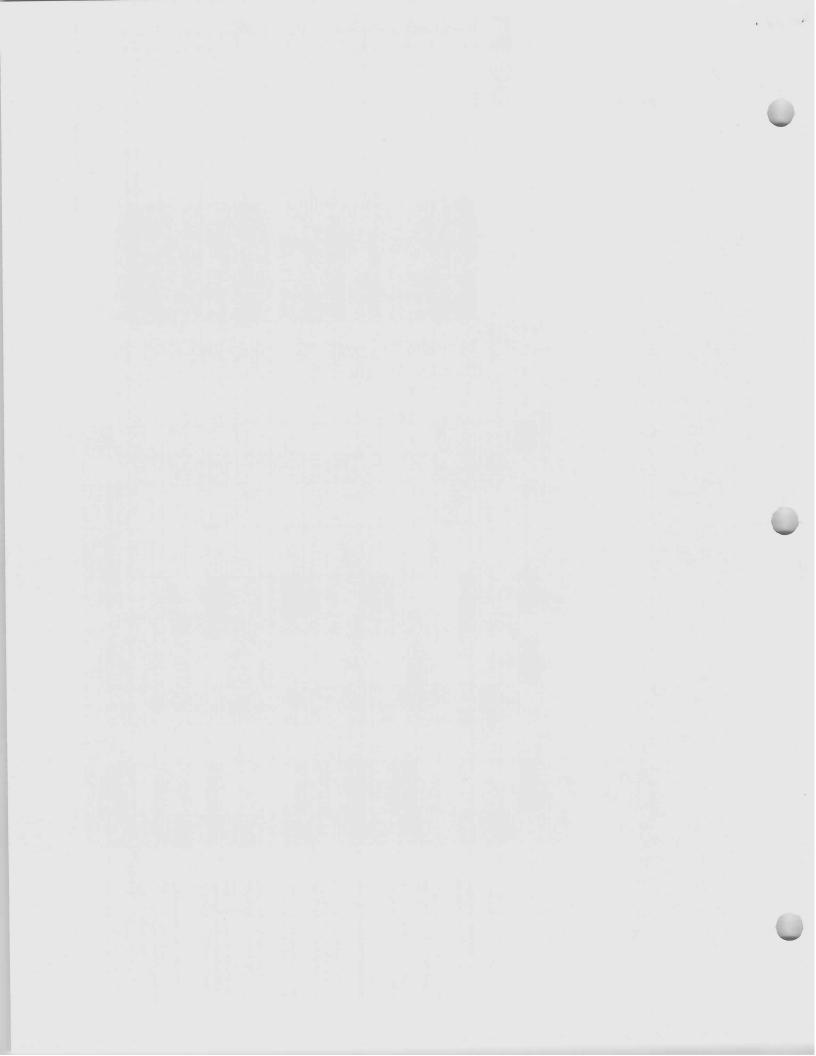
First PermWash:

Add Intracellular Stain, incubate @ RT for 4
First PermWash: 2 ml PermWi

Cap tubes, wrap rack in foil, store at 4°C Resuspend in 70 ul 0.4% PFA-PBS

1 F

18 37



ILT & NK SFC Panel

L			760		738						613	288	500	1 0	542	525	514	508	473	458	443	428	388	373	opecuuii
	UV16	UV15		UV14		UV13	2170			UV11	UV10		600	0	8//		UV7		UV6	UV5	UV4	UV3	UV2	UV1	T
	BUV805			BUV737						BUV661	BUV615		BUV563				BUV496		AF				BUV395		C
3	3			<u> </u>					3	<u>ت</u>	డ		<u>3</u>				[2]						[2]		-
	CD4			CXCR3					40.4	CP/	CCR4		CD69)			CD8						CD62L		
2	< 16	Λ 1 1		V14		V13	V12		_	2	V10	√ 9	8	5		V 6		%	\$	ప	Y 2	<u> </u>			
		BV786		BV750		BV711			DVOOD		BV605		BV570	BV510				BV480		PacBlue		BV421			Violet
	2	3		[2.5]		4			[3.5]	3	<u> </u>			[1.5]				<u>ය</u>		Ξ		4			
	מל ל			E N		CD7			רכא,	200	CD56			CD45RA				CD161		CD14/19	ikana .	CD127			
814	B13	812	<u></u>		D (B10	B9	B8	B7	_	_	B5	B4	ВЗ	70	3		B1							
	Pe-VIO//U		=				PerCP-Cy5.5	PE-Cy5		יי סיי סטיי טמבבוכ	PE-CE594/Dazzle		PE	SparkBlue 550	110/21400	FITC/AE/89									Blue
	[3]						[2]	[4.5]		[4]	IA]		4	Ξ	[6.1]	2									
	PD1						TNFa?	CD25		INIG	TNESS		NKG2D	CD3	Vaz4/ncD1g	Violen Dal									
R8	R7	R6		R5	4	. 6	 	R2	R1															I	
APC-Fire 810	APC-Fire 750	Zombie NIR			APC-R/00	200		AF647	APC															NG C	Red
[3]	[2]	=			డ			[3.5]	[3.5]															1	1
CD38	CD27	5			СD107а			Va7.2/hMR1	CD16																

4/15/2023

