December 29th, 2022 CD161 and hMR1, LtM LAM Specimen Status | Location Conc Date **Tasks** Volume Ly Ly+Mon **Total BE+6** .3E+610006 13.24 Adult 11/12/2021 15 Ets 4 3.31EL 4.32 EG .462 (17.28) 20.65 5.48E6 4.13 EG , 365 (27.4)34 million (44.7) 11 10161e CO161 CD161 direct Allied Health closed ... 29. 47 ~ 1000 cold 0 5:48 am Prep 1000 > 34m Normal (Stain count @ 6:42 am -7 6:49) Gount @ 6.54 am Inchare 7.44am -> Biotint 10.10 5:10 3:10 Tet CIM CH + SCONI(tout) MMRI OP-120 0 IN 3.0 E/6 1 (new) 6-FP c01072? Bioton + MARI OP-RU @ 8:07 am (sight) Tet 0 old 11:52 am Absprepsed 6-FP O.CO107A O Zambienan 2 pl 11000 LU% FBJ @ Va7.2 ~ 1.2pl OCO45RA 2:30 pm 40 in > 2:45pm 40 mm/ O 003)tunstained 0105 1500 COTUTE + BIATIN 20 54 million cells OCDIG 8. X 3:40 3pin 0/5:43pm O41.2 New vials of both hMRIs, spin down in clear vial, take Grantep. ADI ~ 7×1 in 17.5 mls 5:13 for 16/140-5 -> OP-RU 3x1 hcod 19 5:22 for reg tets × 2 > 102 2.0 - 4.323.6 will get Ept coil hot 41.60 SC'S@ 15:32-7/6:02PM A 213 Sc unstained -> new PRI CDIOTA also imposts ~ BYOMS PFA-PBS / Tetramer sos @ 3:500 -> 20 (unst) x 8 Scis RBChsc @6:03 150mls Tets & Scis spin 1300/804:09/ (161 tets in RT for 10 mm while 20 mls \$ 180 mls FBS-PBS 40 80 mls Permlutish +20 100 mls Permutush

4:29 pm Tet set done (FBS wash), spin @ 4:30 pm 1400/6 4:23pm => 33 pm CD161 head start (cold not get's not get's rect) Sc5 FIXPOIN C4:26 7 36-746PM Samples @ 16:39 for 37° -> 17:09 pa tet se's @ 16:41 pm + scls 1st perm wash I + 16:48 pm + Scho WOINT/ PEA @ 5:10 pm 372 wash samples @ 5:16pm/ Spilled scis @ 5:18 7 5:58 parts 4°c samples @ 5:30pm - \$ 6:00pt # 4 37°C Spin post RBC lyse + lost 2 sc's @ 6:09 pm 4 [Samples Fix Perm @ 6:22pm -732->42 >> Sc/s 'extra totally intentional (Se's done @ 6:26pm/ 7:00pm \$6:58 pm actual samples 10 formwas? XH pearwoons 2nd Pennagh @ 7:09 pm Va 7.20 added to single tobe @ 7:22 ... Upps! (instead of@ eold ofep its now all @ inta) Infracellhors @ 7:26pm - 138:06pm 3d mash @ 8:02 pm From stain county Done @ 8:26pm /-

December 29th, 2022 NK and Innate-like T cell SFC panel

		And UNSTAINED CONTROLS !!!			27 R8		1						21 810	20 88	19 B6	18 84				15 V15				12 V10		11 V7	10 VS	1000	v V3		1_			5 UV11	4 UV10	3 UV9	Z (V)		1	# Filter Single color (ul) Ref ctrl name
					APC/Fire 810	APC/Fire 750	Zombie NIR	APC-R700	AlexaFluor647	APC	PE-vio770	PerCP-Cy5.5	re:uyo	DE Out	PF-CEK94	PE	Spark blue 550	AlexaFluor 488	BV786	BV750	8V711	Вубор	COAAG	Blycos	HISSEN	BV510	BV480	Pacific Blue	Pacific Blue	BV421	BUV805	BUV737	Tookoo	BINGS	BUV615	BUV563	BUV496	AF	BUV395	ne Fluorochrome
					CD38	CD27	U/D	CD107a	hMR1	CD16	PDI	TNFa	6025	COAD	CDOC	NKG2D	CD3	hcD1d	CCR6	IFNy	CD7	CCR7	0056		Mineral	CD45RA	CD161	CD19	CD14	CD127	CD4	CXCR3	V02	Ties.	CCR4	CD69	CDS	AF-UV6	CD62L	Marker
/sample	Pippette draw volume	R10 Media	Antibody Total	1	(LUL)	(0323)		(H4A3)				(MAB11)	(M-A251)	(T977-1/1)	(Ad Anca)		(SK7)		(11A9)	(B27)					furron	(Hi100)	(REAGEL)	(HIB19)	(M5E2)	(A019DS)	(SK3)	(1C6/ CXCR3)	(86)	(ror)	(161)	(ENISO)	(SDA_TS)			Clone
	olume																																							Vial Lot#
19.0	10 5	18.5	2.0					2.0																			l								1		1			During
-	-	370	40		-	,	+	40								-	1				S E																			20
/sample	Pippette draw volume	Brilliant Stain	Antibody Total	-		COUCT.T.	1.7500		<: >()								<; >(3)									<2>														15 min min @ RT
65		50	17.5	1.6	2								12	1.2	1.5			C.T	1		1	1.5	1.0			<2>			1.5	1.5				2.0				1		HotStain T 30min @37C
		1000	350	32	40								24	24	30			30	3	20	300	30	20						30	30				40			100000			in 20
60.7		50.0	13.7						0./	07	2 7					1.2								100	0.7	<2>	2.0	2.0	-			2 7	0.7		0.5	0.7	29	7.2		ColdStain 30min @4C
	1000	1000	274.0						14.0	30.0	200					24.0									14.0	#####	40.0	40.0			0.00	50.0	14.0		10.0	14.0		24.0		° 20
										36																													-	RBC Lyse, then Fix/Perm
54.5	30	5	7.5							0.5	2.5	0.5			0.5				1.5		0.5	01								0.5					1		· ·		O.	Sta
	TOOL	1000	150							10.0	50.0	10.0		10.0	100				30.0		10.0							1	1	10.0				-0.0	20.0					20

New POI

Abspraped Ollisban

Simplified Protocol

Thaw cells, DNAse, count.

Collect, count, aliquot cells 3.0E+6 Cells R10 / 5ml polystyrene tube
Bring volume uplo 1 ml R10, add 2 ul PMA/Ctrl and DuringStlm antibody
Cap and incubate at 37°C for 6 hours

Wash with 2 ml PBS, spin down 1300rpm 8min 800 ul of LiveDead mix (12500) @RR for 15min Wash 2 ml 5% PBS-FBS, spin 1300 rpm, 8min Add tetramers for 40 minutes at RT Wash with 2 ml PBS, spin down 1300rpm 8min

Add HotStain mix, incubate @37C for 30 min Wash 2 mi 5% PBS-FBS 1400 rpm, 6min

1.78cm

Add ColdStain mix, incubate @ 4C for 30min 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 20min (vortex every 10 minutes)

First PermWash: Second Perm Wash:

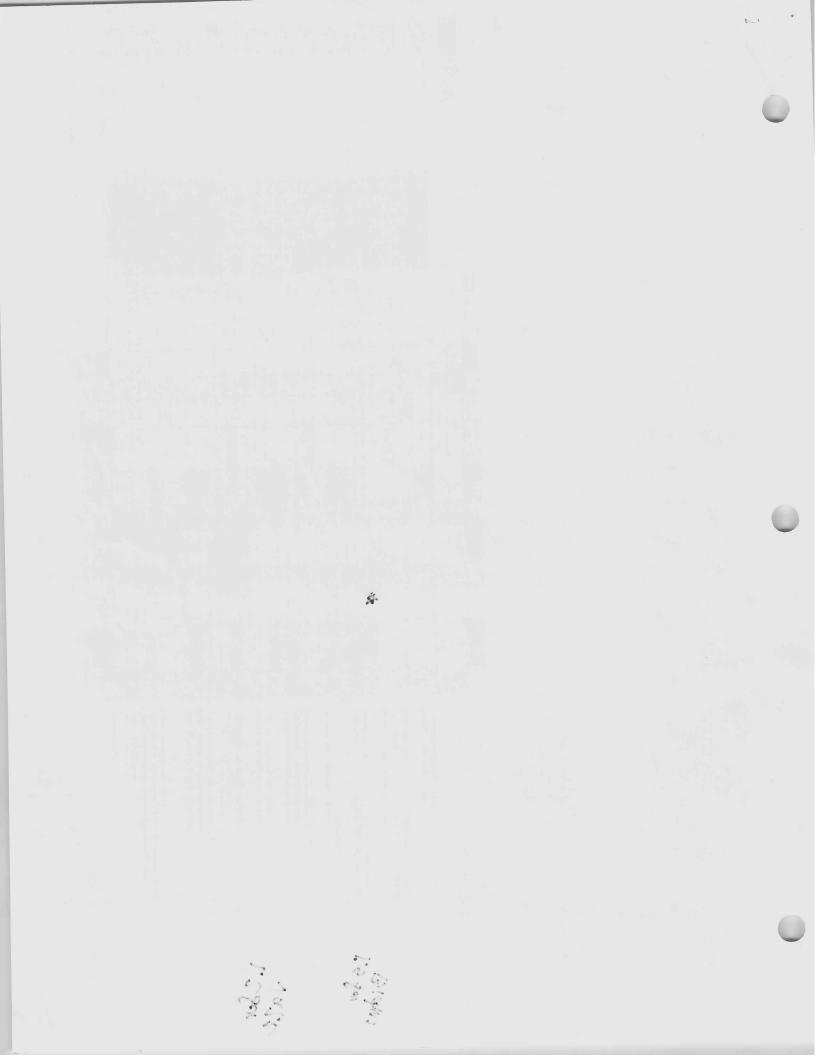
1 ml PermWash 1500 rpm 6 min 1 ml PermWash 1500 rpm 6 min

Add intracellular Stain, incubate @ RT for 40min
First PermWash: 1 ml PermWash 1500 rpm 6 min
Second Perm Wash: 1 ml PermWash 1500 rpm 6 min

Resuspend in 100 ul 0.4% PFA-PBS Cap tubes, wrap rack in foil, store at 4°C

< PD1 > C PD1 >

L'e za



4:03 pa start

654,000 events 10/10

50's 50" 40

100K - 30

de Is hope of a cold a man model show)

Flow Jo

Single odors

Single odors

Gale positive

Expert

Purification

Bur496 + 280 360 410