## Lena: $\gamma\delta$ T cells: Expansion & D0 Staining David: $\alpha B$ T Cells: 12 hr stim time course

2+9, 12, 15, 18 hrs stim w/ golgi

0.5  $\mu$ g/ml Costim ( $\alpha$ CD28/CD49d) [2.5ul] & \_\_ $\mu$ g/ml TTx, DTx, PPD

GolgiStop-Plug 1:1:19 (5)

Ran	09	Tuesday 06/08/2021	
		@ 9:00 pm -> 12:00 AM	١ ,
		~1/45 pm	

	Specimen	Status	Location	Conc	Date	Tasks						
40041	ND050	MUIT					Volume	Ly 1:100	Ly+Mon	Total	1.2	
40-11	341	715	-140 °C	15 E6	03/3/21	Lena uf's	3	2.89	4.34	011		
4641	ND050 Sml	Adult	= 140°c	1561	03/81/21	7.7	-	4.01	7.37	8.67		
Hadh.	AHD050-			4 1		David aB's	5	3.84	5.09	19.20		au P
		Mube	3 combined		CMSt4	,	- 1	210	W 22	0 40		
30041	CVD4.282	ASLAN	-1402	221		D 1 1	7	3.62	4.2.4	3.62		Cartor at
11	7	000	1700	5±6		David aB's						
280c/r	ND050	0	oct - a	acto ha	5 Le		4	4.41	6.06	17011	0	
2204/1	CUDHZ9,2	F		~ 10 W	1657	7			6.00	17.64	8.82-1	4= fe.820
//							l.	2.96	3.37		1.48 =	+[480]
T.	won Righ											

γδ T cells Adult 1.5E+6 cells	Ex vivo Gd-ex	Extrace	ellular × 2.5	Intrace	ellular ×2.5
V450 BV421	PDI	2.0	5.0		G
V525 BV510	- Talleton-	2.0	-0.0		
V670 BV650	C056	1.8	4.5		
B530 FITC	199	1.0	7.5	<u> </u>	101
B710				<u> </u>	7.5
PerCPeF710	CD3	1.5	3.75	2	
Y590 PE	Gram 6	e <sub>a</sub> tanina.		111	011
Y780 PE	Name of the last o			\$ 1.5	3.75
Vio770	NKCZA	0.6	1.50	Œ	420
R670 APC	ME VOZ	1.0	2.50	<b>300</b>	
R780 APC Fire	40	1:1000	-	OSATO	
PBS	PBS	12.1	30.25	12975°	40.
1				16.0	10.

10:34 cm CDHS count donc.

12 hr (?) rest start @ 11.16 am

12:30 come

IL-Zoch @ Zwells, veep 49.

2.29

1:49 pm surface 2:09 pm FixPerm

2890

2:53 Indoc 7 3.33

20:24 collected, spin down 20:48 court strun

9:06 workdons

Human IL-2 RAD @-80%

Lot 9043 sted rog/ml eB (5 ng/m)

10:12 se stan

Infant 5 ng/ml Adult 10 ng/ml

αB T cells Adult 1.0E+6 cells	Ex vivo	Extracellular ×30		Intracellular × 20	
V450 BV421	CD4	1.8	36	0.5	T
V525 BV510	L/D Aqua	1:500	30	- 0.5	10
V670 BV650	CD45RA	1.5	<b>5→</b> 30	79	la 16 11
B530 FITC	CD69	1.0	3220		
B710 PerCPeF710	TNFA	-		3.0	600
Y590 PE	CD62L	2	40	_	
Y780 PE Cy7	IFNg	-		0.8	16.0
R670 APC	CD3	1.5	30	0.5	10.0
R780 APC- Fire750	CD8	1.5	30	0.5	10.0
PBS		11.2	224	14.2	284

5 ml volume 7.5 E+6

-> 2.8 ml

1.7 ml = 75 Et4 cells + 3 ml/210

Culture 7. E E +4 Stadl 4,3Ethm1 1.7ml

volken= all # 28x

1.7 x 2.8 = total = 4.76ml 1.5 EU/

Adult 5m1 2d 1100 +50 H

Ilz 16ng/m1(1:200) 25 pl #9043 stod zug/m)

9 hrs stim:	Projected	Actual
Thaw:	S, 15 her stir	18181
Count:		DE HAVE
Plate:		
Process:		101
Count:		
Stim:		
Golgi:		
Spin:	8:40am	
Spin2:		
L/D:		
Extra:	9:27am	7-79:4
Intra:	10:47	
End:		11:4

O SEB O Medica O TT

O PPD2c

O costim

Rippeth Feed 16th

10:04an > Cyttic/from from topus bottom fix peom bottle?

last wish buffer ringe sat 6 ann while norther centringe.

Done @ 11:47 part / PFA-PBS

12 hrs stim:	Projected	Actual
Thaw:		
Count:		
Plate:		
Process:		
Count:		
Stim:		
Golgi:		
Spin:	~11:25am	@1027
Spin2:		
L/D:	11:39	7 11:54
Extra:		7 12:29
Intra:	13:30-	714:10
End:		2:21 pm

OSEB

O Meder

OTTRO

OTT

O costim

OPPD20

For @ 12:47 pm

Dure 2: 21 pm

15 hrs stim:	Projected	Actual
Thaw:		
Count:		
Plate:		
Process:		
Count:		
Stim:		
Golgi:		
Spin:	~2:25 pm	= 2.26pm
Spin2:		2.40pm
L/D:	2:40m	7 2:55
Extra:	2:40m- 5:10 pm	7(5:31)
	16:24pn	
End:	1,1,7	5:17

O SEB O Media O TT OTT & C O costim

OPPDEC

Vlast FBS-vash
vas 125% FBS
ed sad a dre

6 GH/Ax @ 3:43m

Dane @ 5:17/

18 hrs rest:	Projected	Actual
Thaw:		
Count:		
Plate:		
Process:		
Count:		
Stim:		
Golgi:	1	
Spin:	1	
Spin2:		
L/D:		\
Extra:		
Intra:		
End:		

No 4D @ timeponts 9hr? (or alljust dead? weird)

Conc @ 2m/ml so soopl = IN cells + 3.85 pl ~ 5 cg ~ 10 pg/ml + TITX \$1.925pl ~ 2.5pg ~ 5cg/ml) DTK ~ 0.25 pg stool ~ 2.5 pg ~ 5 pg/ml 500pl ~ 5 stooly so mike y PBS PPD Ing/ml -> 1/3//1 ~ 2.5 pl for 5/5/ml Q-32 cost 5 FB | mg/m > 750 2.5 pl -> 5 pg/ml Costim 5+5+42 = 2.5 pl - 500 pg) Golgi 1+1+19=20-71ml) 15 M N DUSO TRE C M SEB TT 9:00000 12:00000 15:00000 PPD 0 0 0 (no control)