## HEU timecourse: Rest optimization #2

12, 14, 16, 18 hrs rest

2+18 stimulation w/golgi

0.5  $\mu$ g/ml Costim ( $\alpha$ CD28/CD49d) [2.5 $\mu$ l] & 10  $\mu$ g/ml TTx, DTx

GolgiStop-Plug 1:1:19 (5)

2600/1

300 c/pl

Specimen	Status	Location	T	Date	Tasks		- <u> </u>			1::		1 1
ND050	Alilli		1	·		Volume	Ly	Ly+Mon	Total		1	]
	SH	F .	10±6	10/2/20		3	2.09	3 16	6.27	13.27	1/2=	3.13
		100					1100			7.5		
ND050	Adult TT+	1	10E6	10/21/20		7	126	0.50	7 4-	74.00		0 :
				7.70			2,35	3.50	7.05	14.00	102-	3. Sc
ND006	Adult		2001	161	· ·		1 1		1 1			
	5EB	- :	2016	1/8/19		6	3.25	3.95	19.50	13.5	1.4=	4.27
		*			=							

Adult 1.0E+6 cells	Ex vivo	Extracellular ×(る			Intracellular × (8	
V450 BV421	CD69	1	180	CD69	1	18 15
V525 BV510	Aqua	1:500	-	Agua	<del>                                     </del>	100
V670 BV650	CD4	1.8	32.4	CD4	0.5	9
B530 FITC	CD8	1.5	27	CD8	0.5	9
B710 PerCPeF710	TNFA	-	-	TNFA	3.0	54.0
Y590 PE	CD62L	2	36	CD62L		-
Y780 PE Cy7	IFNg	-	-	IFNg	0.8	14.4
R670 APC	CD3	1.5	27	CD3	0.5	9
R780 APC- Fire750	CD45RA	1.5	27	CD45RA	- '	-
PBS		11.2	201.6		14.2	255.6

Starting Salvato Hood @ 9:20 am

2nd:11:12 pm start

Sant stan 1050pm

9:36am spin on Muin's:

16;02

cant @ 10:13 am

Huted @ 10:47am

20 Samples ×.8 16.0 ml

-32 pl 6/0 kgva

60 mls FBS-PBS

60 mls Pernwash
6 ml into 54 ml

Resuspend into (250pl) 2(200) this time.

3.8 3ml

PFA-PBS/

Allina :

5.8 ml 20x.3 = 6.0 20x.2 = 40 mls u

Saving supernatarts?

2:06 last NOCOG than 2:08 5911

8:28 Se the abaken

8:40 coops text.

combined Dorn WD 0505-

distributed 3.23 across

Plated e 9:07

20 libes

140

140

1/007.16

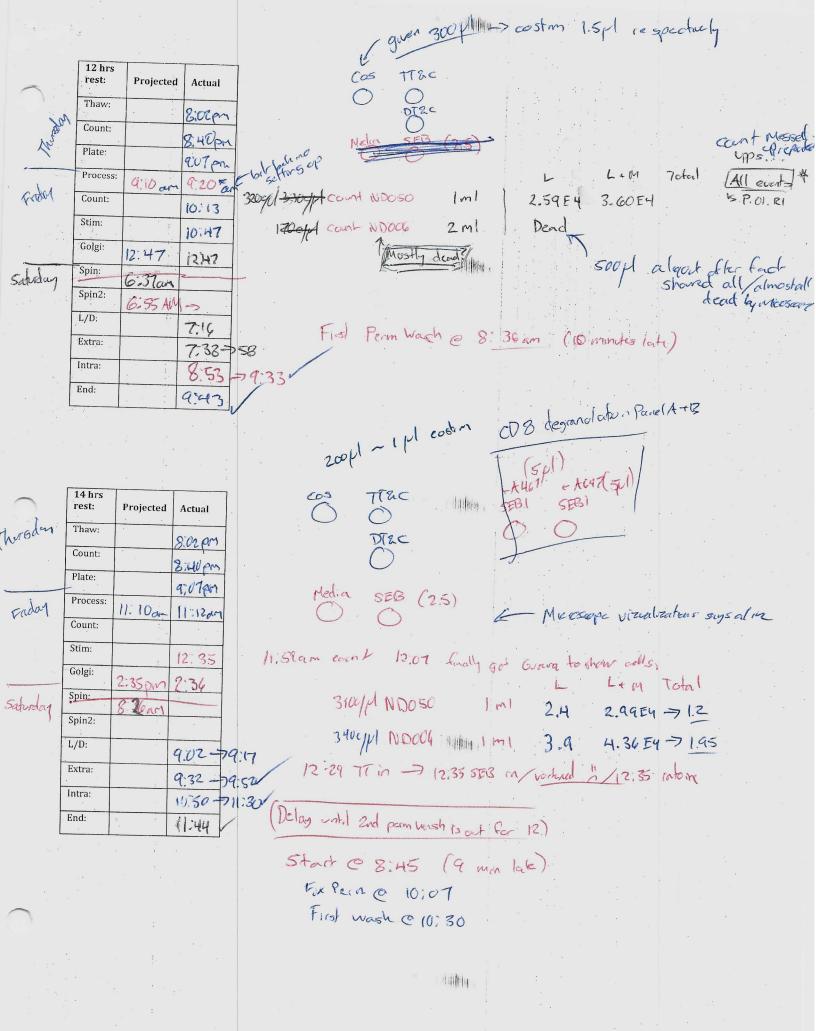
address Fite

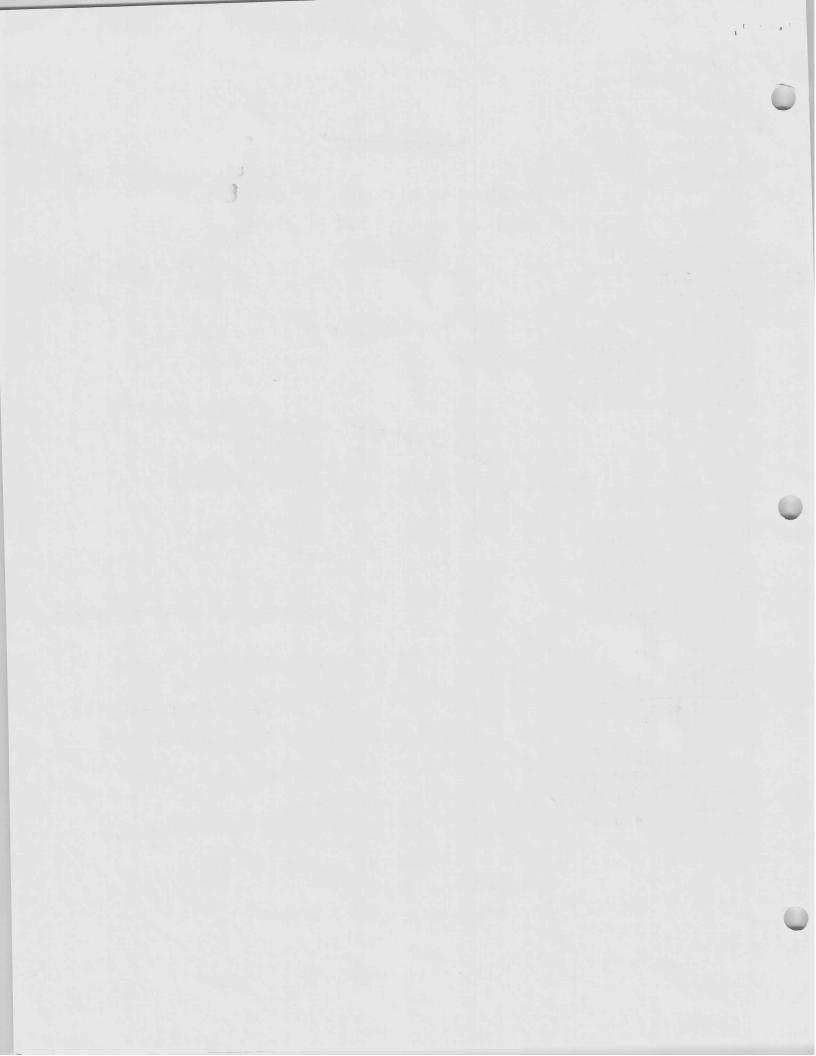
both Set mine

Blob not happy gells

7:38 Edone

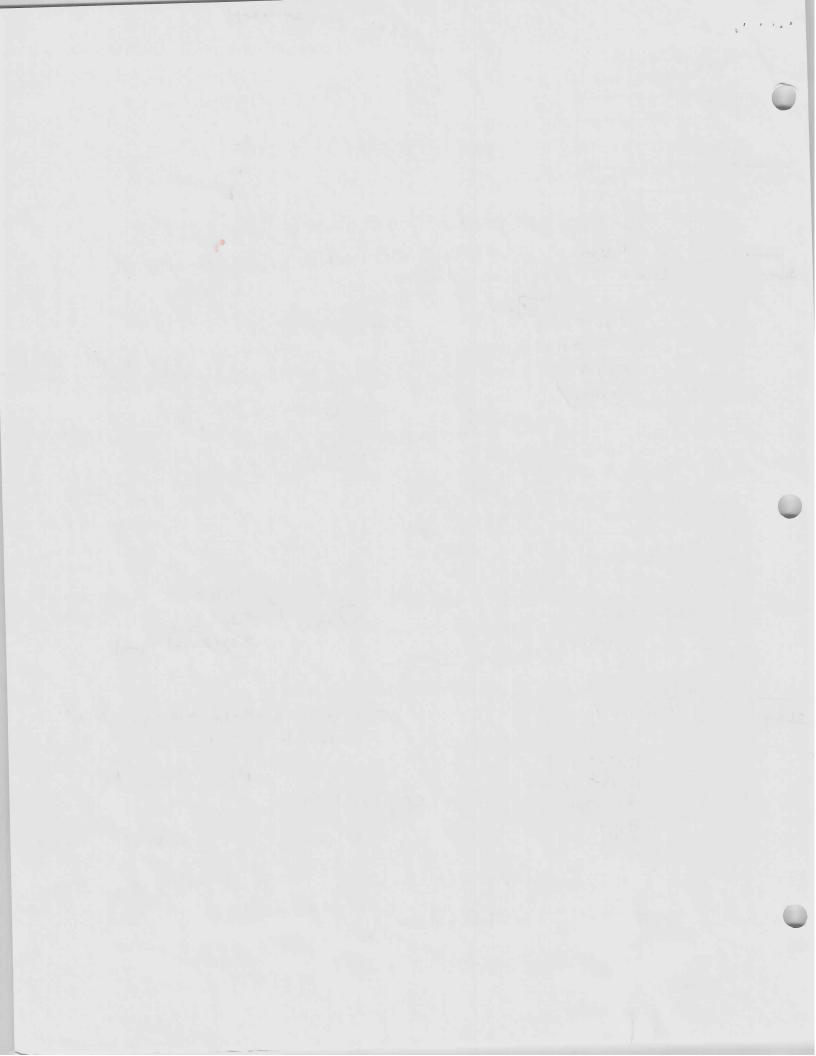
10/21/20 0/14/20 7 24 control of the





16 hrs rest: Projected Actual DIAC 1. 引用图象。 Thaw: Count: Plate: Process: Friday) 1:10 pm Count: 1:5) pm Stim: 13:15 start ( (024 abanqued) 2:25 pm Golgi: used RIO instead of edd RAPMI H 4.25m 4:25pm Spin: Salvade 1 1:35pm 10:25 am (00)18 Spin2: Spin @ 1:28 pm L/D: 10:28-7 10:43 13 HB dom Process Extra: 10:58 -> 11:18 @ 1:51 pm Intra: hy+M Total 12:09-12:49 2500/M NO050 End: 1:00 pm 2004 NOOC > Single ados first pura > 11: Flam 1.7%3= Need tour by 3.45 Gou 505@ 3100 -727 TIRC 18 hrs rest: Projected Actual Thaw: Count: dalikia Plate: K NKT Stam 12hrs SEB (2.5) Process: FOROM 202 3:10 pm Count: 3:49-58 Stim: Spin @ 15:14 pm 4:12pm Golgi: Stair @ 15:35 pm 6:12 pm Spin: 12:Rpm 12:07 backflushed tried again to get Salurday 3:49 pm Spin2: grava to work post chaps, L/D: 12:17-7 12:32 Lyth Total Extra: 12:45-7 1:05 pm 1904/110050 Intra: 2,01 - 7241 2.45-367016 End: 357 2700/NND006 Just made uneccessary FBS-ABS 11 FIXPERM @ 121 Forty e down

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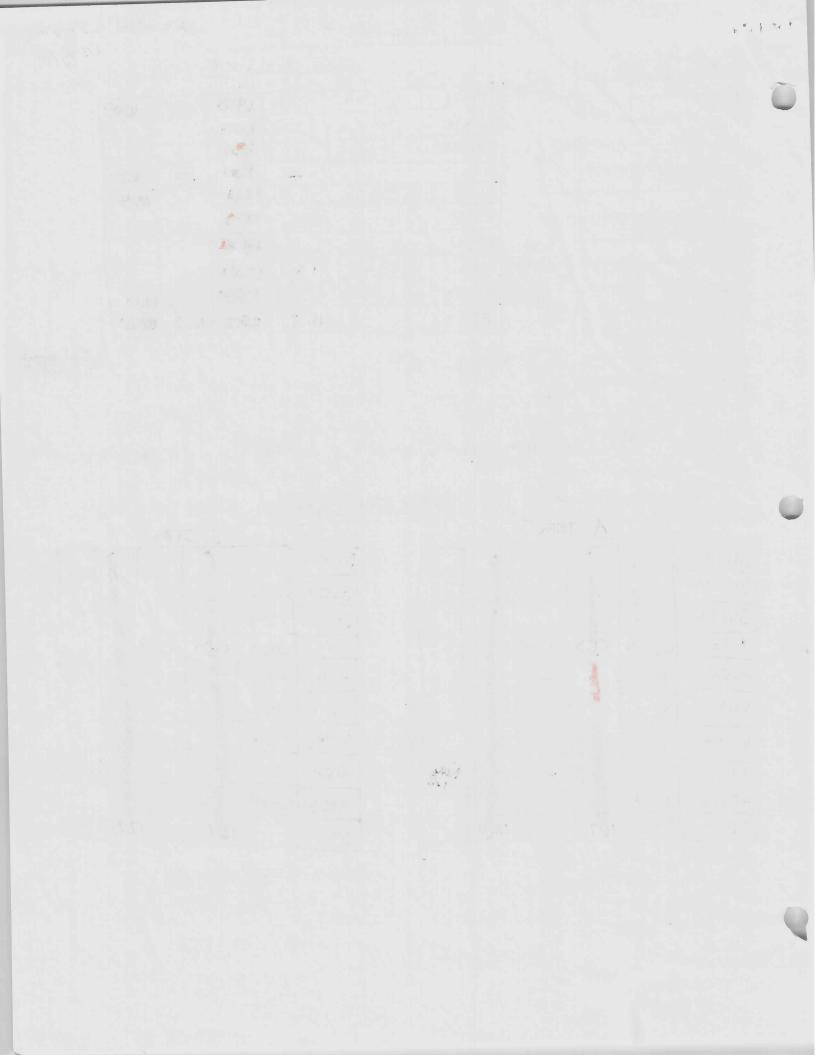
Side APC hCOld 1.3 mg/ml Experimental Gigs : 1.3 19/01 NKT test: x? hrs Done @ 9:12 am Stimt: Projected Actual BVHZI 本 CD4 Thaw: 1.87 3.6 0.5? 1.0 BV510 Count: 40 Aqua 1,500 Plate: BV650 CDSGIII 3.6 1.2 Process: Fitc daga 3 6.0 PerCP Count: 1.0 2.0 CD3 0.2 0.4 Y590 Stim: 0.6 1.2 NVG2D Golgi: 4780 NKG2A 0.6 1.2 APC Spin: cd 1d 1.3 1 2.6 APC-FR Spin2: 0.5? 1.0 CD8 1.55 3.0 L/D: PB 5 11.9 23.8 16.3 32.6 Extra: 55H pyppul Intra: NDOOG End: Hilling ATF my IL-4 shows, swap it in vs IFNG for a TIEDTE 18 howell. Done @ 8:33am CD8 Test degranulation (SEB 2.5 pg/ml) A: TNFa B: IFNg BV421 BV421 CD69 CD69 BU510 46 Aga 1:500 BV510 46 Aqua 1:500 BV650 CD4 05 BV650 CD4 05 Fite Fite (5> CD1074 (B) ~ 10? ~ 10? 00107 Per Cp 05? TNFa 3.0 Perq 1.3? CD3 4590 2.0 20 CD62L 4590 CD62 L V. 780 1.5? 0.8 0.3 V780 IANO CO8 1.5? 05? 1.5. APC CD8 CD3 APC 0.57 APC FIE APCFIC CD4512X CD45RX PB.5 17.2 11.7 15.0 11.7 PBS

Hillia

ND006 0

Actal

ND006 ()



Degranulation TNFα	Ex vivo Aβ T cells	Surfa µL x	ce Intra µL x			
V450 BV421	CD69	0.5	1			
V525 BV510	Aqua L/D	1:500	-			
V670 BV650	CD4	1.8	0.5			
B530 FITC	CD107A	<3ul added separately>				
B710 PerCPeF710	TNFα	-	- 3			
Y590 PE	CD62L	2				
Y615 PE Dazzle						
Y780 PE Vio770	CD8	1.5	0.5			
R670 APC	CD3	1.5	0.5			
R780 APC Fire750	CD45RA	1.5				
20.5 μl/rxn;	PBS	11.3	15			

Degranulation IFNy	Ex vivo Aβ T cells	Surfa µL x	ice ]	Intra µL x		
V450 BV421	CD69	0.5	1			
V525 BV510	Aqua L/D	1:500				
V670 BV650	CD4	1.8	0.5			
B530 FITC	CD107A	<3 u	<3 ul added separately>			
B710 PerCPeF710	CD3	1.5	0.5			
Y590 PE	CD62L	2				
Y615 PE Dazzle						
Y780 PE Vio770	IFNγ	-	- 0.8			
R670 APC	CD8	1.5	0.5			
R780 APC Fire750	CD45RA	1.5				
20.5 μl/rxn;	PBS	11.7	17.2			

Intracellular Test	NKT	Surf µL	Surface µL x		Intra μL x		
BV421	CD4	1.8		0.5			
BV510	L/D	1:500					
BV650	CD56	• 1.8					
FITC	dg9			3			
PerCPeF710	CD3	1		0.2			
PE	NKG2D	0.6					
PE Dazzle							
PE Vio770	NKG2A	0.6	-				
Alexa 647 (APC)	hCD1d	0.6	-				
APC Fire750	CD8	1.5	.   _	0.5			
20.5 μl/rxn;	PBS	12.6		16.3			

