

June 28-29<sup>th</sup>, 2021

HEU: New  $\gamma\delta$  Cord D16 panels #1  
Granule Mobilization Assay & Staining

Run on the LSR - June 29<sup>th</sup> 4-5 pm ✓

1:50 [1c/2]

Specimen	Status	Tasks	Volume	Lym	L+M	Total	0.66E+6	1.5E+6
Inf 250	20L			3.65 E4		1.825 <sup>IF</sup>	362 $\mu$ l	220 $\mu$ l [PI]
Inf 250	IL-2			5.51 E4		2.755 <sup>EB</sup>	240 $\mu$ l	150 $\mu$ l [PI]
NY53				3.10 E4		1.65 E6	258 $\mu$ l	200 $\mu$ l - 300K

	D16 Gd-p4b	Surface $\mu$ L x	Intra $\mu$ L x
BV421	PD1	2.0	
BV510			
BV650	CD56	1.8	
Alexa 488 (FITC)	Perforin (dG9)	-	3
PerCPeF710	CD3	1.5	
PE	GZMb	-	1.5
PE Dazzle			
PE Vio770	NKG2A	0.6	
APC	V82	1.0	
APC Fire750	Horizon L/D	1:1000	
20.5 $\mu$ l/rxn;	PBS	13.6	16

	D16 Gd-CK deg	Surface $\mu$ L x 2.5	Intra $\mu$ L x 2.5
BV421	PD1	2	5
BV510	Aqua L/D	1:500	-
BV650	CD56	1.5	3.75
FITC	CD107a	<3 ul added separately>	
PerCPeF710	TNF		2
PE	Vd2	1	2.5
PE Dazzle			
PE Vio770	IFN $\gamma$	-	0.6
Alexa 647 (APC)	CD27	1.5	3.75
APC Fire750	CD45RO	1.8	4.5
20.5 $\mu$ l/rxn;	PBS	12.7	17.9

	D16 Gd-p1C	Surface $\mu$ L x 2.5
V450 BV421	PD1	2
V525 BV510	Aqua L/D	1:500
V670 BV650	CD56	1.5
B530 FITC	V82	1.2
B710	CD16	2
PerCPeF710	CD28	2
Y590 PE		
Y615 PE Dazzle		
Y780 PE		
Vio770		
R670 APC	CD27	1.5
R780	CD45RA	1.8
APC Fire750		
0.5 $\mu$ l/rxn;		8.5

On plate labeled  
IL-2

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a-pangd TCR

2M:1000  $\mu$ l

400K/330  $\mu$ l 100K

30-50  $\mu$ l

330 - 25 = 305  $\mu$ l

G35pm 12:35pm GMA wells into incubator

13:48pm spin down P

4/0 @ 2:00pm

Surface @ 2:30pm  $\rightarrow$  2:50pm

Sols @ 3:00pm Done @ 15:38pm

Iced @ 6:25pm

spin @ 6:43pm

10 @ 6:54

Surface @ 7:21

FixPerm @ 7:56pm

Intra @ 8:40pm

Done @ 9:31pm

P<sub>4</sub>B

L/D → BUSIO  
ZombieAg

CD16 on APC  
750