

June 25-26<sup>th</sup>, 2021

Ran on LSR-II 11:30 AM - 1 pm  
Western States

HEU: New  $\gamma\delta$  Cord Panels Experiment #2  
Ex-vivo panel & expansion for RT-PCR

→ FAILED: LSR glitched at last tube completely, nothing saved. F5/D13  
Found by Dr. Fan 06/28/2021

Specimen	Status	Location	Conc	Date	Tasks	Volume	Ly	Ly+Mon	Total	1.5E+6	2E+6
Inf 2-7 Q28-6 RRTV	HEU-L		-			2+2	308 E6	4.94 E6	12.32	1011	
Inf 2-7 142-7 STGK-J	Unknown		-			3+3	6.36 E6	8.05 E6	38.2	2131	
N458	Adult		10 E6	12-16-15		2	523 E6	7.39 E6	10.4		
N460	Adult		15 E6	06-03-21		1	1.46 E7	1.93 E7	14.6		

500  
14.6

	Ex vivo Gd-p4b	Surface $\mu$ L x 2.5	Intra $\mu$ L x 2.5
BV421	PD1	2.0	5
BV510			
BV650	CD56	1.8	4.5
Alexa 488 (FITC)	Perforin (dG9)	-	3
PerCPeF710	CD3	1.5	3.75
PE	GZMb	-	1.5
PE Dazzle			
PE Vio770	NKG2A	0.6	1.5
APC	V82	1.0	2.5
APC Fire750	Horizon L/D	1:1000	-
20.5 $\mu$ l/rxn;	PBS	13.6	16

	Ex vivo Gd-CK PMA	Surface $\mu$ L x 4.5	Intra $\mu$ L x 4.5
BV421	PD1	2	9.0
BV510	Aqua L/D	1:500	-
BV650	CD27	1.5	6.75
FITC	V82	1.2	5.4
PerCPeF710	CD3	1	4.5
PE	CD56	0.5	2.25
PE Dazzle			
PE Vio770	IFN $\gamma$	-	0.6
Alexa 647 (APC)	TNF $\alpha$	-	2
APC Fire750	CD45RO	2.0	9.0
20.5 $\mu$ l/rxn;	PBS	12.3	17.5

	Ex vivo Gd-p1	Surface $\mu$ L x 2.5
V450 BV421	PD1	2
V525 BV510	Aqua L/D	1:500
V670 BV650	CD16	1.5
B530 FITC	V82	1.2
B710	CD25	2
PerCPeF710	CD28	2
Y590 PE	CD27	1.5
Y615 PE Dazzle	CD3	0.5
Y780 PE	V81	1
Vio770		
R670 APC	CD45RA	1.8
R780		
APC Fire750		
20.5 $\mu$ l/rxn;	PBS	7

PMA - 6 hour start @ 12:29 → 6:29 pm

L/D 2  $\mu$ l - 2 ml Hancu

1/2 aqua 800 → 1.6 ml → 13.2  $\mu$ l

8x3 = 24

L/D start @ 1:11 → 1:26 pm ✓

Surface in @ 1:43 pm → 2:03 pm

4 36  
3 27

Sols in @ 1:53 pm → 2:08 pm

2.4 mls 3.0 mls → 300  $\mu$ l + 2700-

Fix Perm @ 2:22 pm

Intra @ 306 → 321

L/D @ 6:42 pm → 6:51

Surface @ 7:12 pm

Fix Perm @ 7:51 pm

Intra @ 8:35 pm

Done @ 9:25 pm

↑  
Ended up fix  
person 11

\* Raise PMA's V421 PD1  
gate

minutes running Inf 028 PI - realized still on low DO

Inf 142 → 287H → 1.5m

500H  
+ 13H R10

475H

1 ml  
2x2 = 4H  
• put

1 ml  
4H  
• control  
↓ being recorded

475H  
mkt put

Inf 028 → 487H → 1.5m