

October 26-27th, 2021

HEU: Ex-vivo $\gamma\delta$ CBMC panels #7

70 μ l
820 μ l
60 μ l
340 μ l
60 μ l
680 μ l
60 μ l
80 μ l

Specimen	Status	Location	Conc	Date	Tasks	Volume	Ly	Ly+Mon	Total	2E+6	1.5E+6
Inf070-7 a-1	RWES HU	Box 3A B.6		2018-04-27	Bleed	2.5	4.44 E6	5.58	11.1	450 μ l	338 μ l +2.62
Inf161-3 a-2	SDKA HEU-L	Box 5A F.6		2019-01-13		3	5.03 E6	6.75	15.09	398 μ l	298 μ l +30.2
Inf023-5 a-1	RAYO HEU-H	Box 1A D.7		2018-07-23		2.5	2.24 E6	3.59	5.6	892 μ l	418 μ l +1.82
NY062	Adult		20E6	08/12/21		3	3.1 E6	4.64	9.3	2.47 13 μ l	323 +677

	Ex vivo Gd-p4b	Surface μ L x 3	Intra μ L x 3
BV421	PD1	2	6
BV510	Aqua L/D	1:500	
BV650	CD56	1.8	5.4
Alexa 488 (FITC)	Perforin (dG9)	-	- 3 9
PerCPeF710	CD3	1.5	4.5
PE	GZMb	-	- 1.5 4.5
PE Dazzle			
PE Vio770	NKG2A	0.6	1.8
APC	V82	1	3
APC Fire750	CD16	1	3
20.5 μ l/rxn;	PBS	12.6	37.8 16.0 48

400 * 3 =

	Ex vivo Gd-CK PMA	Surface μ L x 6	Intra μ L x 6
BV421	PD1	2	12
BV510	Aqua L/D	1:500	
BV650	CD27	1.5	9
FITC	V82	1.2	7.2 0.2 1.2
PerCPeF710	CD3	1	6 0.2 1.2
PE	CD56	0.5	3
PE Dazzle			
PE Vio770	IFN γ	-	- 0.6 3.6
Alexa 647 (APC)	TNF α	-	- 2 12
APC Fire750	CD45RO	2	12
20.5 μ l/rxn;	PBS	12.3	73.8 17.5 105

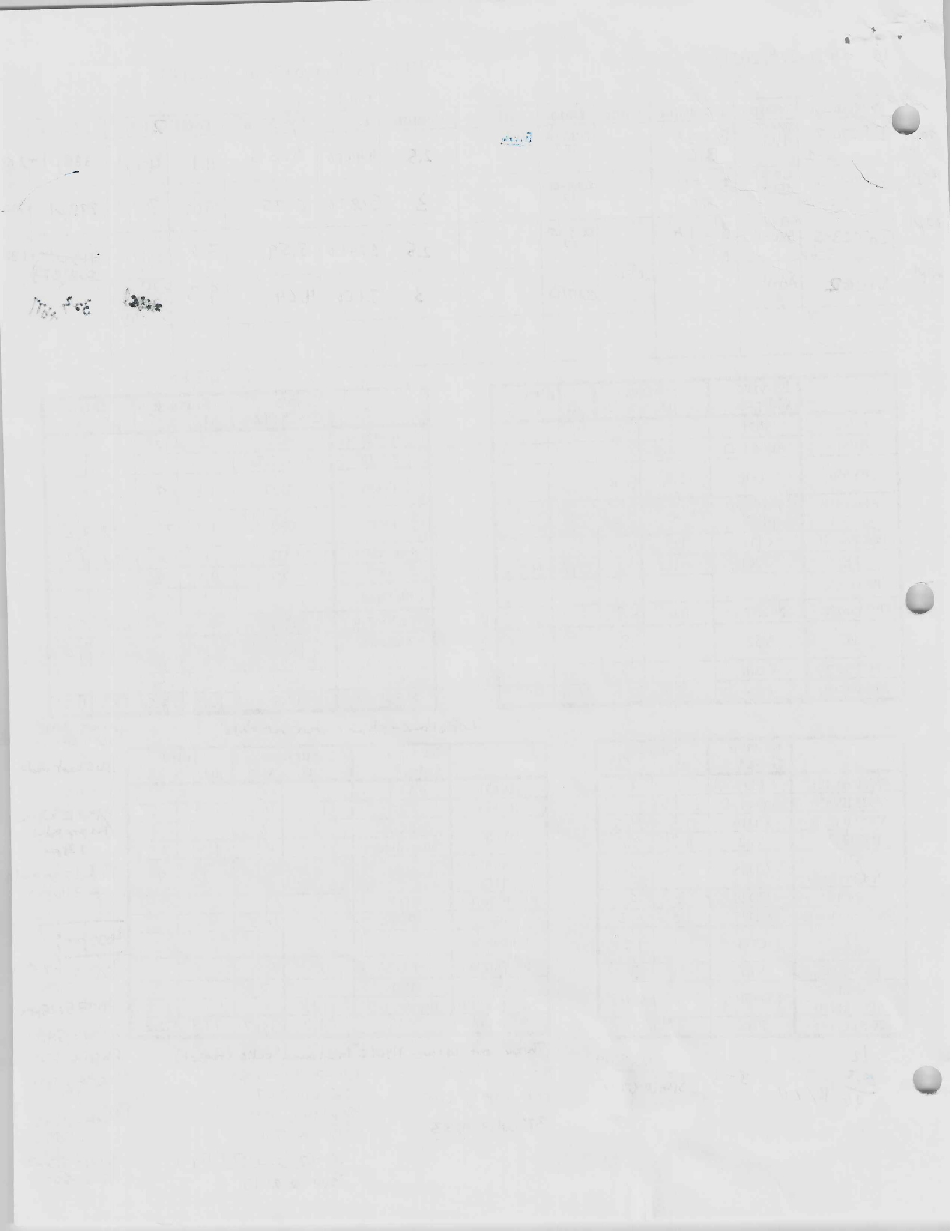
	Ex vivo Gd-p1	Surface μ L x 3
V450 BV421	PD1	2
V525 BV510	Aqua L/D	1:500
V670 BV650	CD16	1.5
B530 FITC	V82	1.2
B710	CD25	2
PerCPeF710	CD28	2
Y590 PE	CD27	1.5
Y615 PE Dazzle	CD3	0.5
Y780 PE Vio770	CD3	0.5
R670 APC	V81	1
R780	CD45RA	1.8
APC Fire750	CD45RA	1.8
20.5 μ l/rxn;	PBS	7

	Ex vivo Gd-p2	Surface μL x 3		Intra μL x 3	
BV421	V82	1	3		
BV510	CD3	1.5	4.5		
BV650	NKG2D	2	6		
	Streptavidin	{1.5}	4.5	{19}	57
Alexa 488 (FITC)	dg9	-		3	9
PerCPVio700	CD56	1	3		
PE	PD1	1.5	4.5		
PE Dazzle					
PE Vio770	NKG2A	0.6	1.8		
APC	V81	1	3		
APC Fire750	Horizon L/D	1:1000			
20.5 μl/rxn;	PBS	11.9	35.7	17.5	52.5

Specimens plated @ 10:11 am
11:05 count incub
Count done
PMA @ 12:30 pm
Abs prep pad @ 1:36 pm
Plated 2 spinned @ 3:16 pm
4:30 pm
4:50:07 → 20
Spine @ 5:25 pm
Surface @ 5:42 pm
RB @ 6:05
Strep @ 6:23 pm
P2/Rep Fire @ 6:54
Intra @ 7:31 pm
Done ✓

12
x.8
q6 10/20
3-5
Sds @ 8:44
Spin @ 9:10 ✓

Threw out leftover NY062 "incubated" cells (forgot)
Tetramers @ 7:51 pm
refspine @ 8:31 ✓
37° out @ 9:33
CK → 8:40 → 8:55
Surface @ 9:07
RB @ 9:29
Cyt FIRE @ 7:45
Intra @ 8:32 → 9:12 pm
Spin @ 8:13



October 26-27th, 2021

HEU: Ex-vivo $\gamma\delta$ CBMC panels #7

Specimen	Status	Location	Conc	Date	Tasks	Volume	Ly	Ly+Mon	Total	1E+6	1.5E+6
Inf 070-7 a-2	RWKA HU	Box 3 A B, 7		2018-09-27	Bloody	2.5	5.03 EL	6.49	12.58	398 μ l	298 μ l
Inf 161-8 a-2	SBKB HEU-L	Box 5A F, 7		2018-01-13		3	6.24 EL	8.34	18.72	320 μ l	240 μ l
Inf 023-5 a-2	RQY1 HEU-H	Box 1A, D, 8		2018-07-23		2	2.88 EL	4.08	5.76	695 μ l	520 μ l

Next Run Culture.

$\left\{ \begin{array}{l} 1.5 \text{ ml} / 2.3 \text{ E}+6 \\ 1.4 \text{ ml} / 2.1 \text{ E}+6 \end{array} \right\}$

7 μ l \times 3

BCG vial
1.3 E+6 / ml

5 vial

2.2 ml

$\frac{2.2 \text{ E}+6}{1.4 \text{ ml}}$

$1.06 \times 0.7 =$

0.73 \times 3

4 vials BCG
in 0.73 \times 3 ml R10

$2.1 \times 2 = 4.2$

4 vial

1.7 ml

1441
151.5

100

100

100
100

DATE	TIME	TEMP	WIND	SEA	WAVE	SWELL	WAVE	SWELL	WAVE	SWELL
10/10/00	08:00	18.0	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	09:00	18.5	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	10:00	19.0	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	11:00	19.5	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	12:00	20.0	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	13:00	20.5	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	14:00	21.0	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	15:00	21.5	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	16:00	22.0	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	17:00	22.5	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	18:00	23.0	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	19:00	23.5	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	20:00	24.0	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	21:00	24.5	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	22:00	25.0	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	23:00	25.5	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	00:00	26.0	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	01:00	26.5	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	02:00	27.0	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	03:00	27.5	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	04:00	28.0	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	05:00	28.5	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	06:00	29.0	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5
10/10/00	07:00	29.5	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5

October 26-27th, 2021

HEU: Ex-vivo $\gamma\delta$ CBMC panels #7

LSR-II: pump running well, copied exp from 6A (10/13/2021)

✓ R780 to 535

↓ V670 523

↑ Y615 650 tad *maybe?*

↓ Y780 tad 530

No V525 staining cells

(clump @ bottom)

Ran high collected areas

16.84 \rightarrow 13.85

.33 \rightarrow 7.63

7.36

what causes |||| @ edge log bias?

start w/ pc: clean protocols ✓

Inf 70 \uparrow 650 FSC to center, running @ 2000 euts/sec
 \sim 3:16 sec before clump

- clump in between (newly, and a lot cells)!

* stripe in R4b PDI vs CD56

* low perform this run ... *degen?*

IF only low performing voltages and

issue w/ length processing time?

CD27 B670 really compressed (lowered PMT too aggressively?)

Everything in Inf161 died PMA-run?

|| || ||
^ ^ ^

LSR stable w/ stability today

3 *info* biased.

[Info70 lot bloody gentle]

P1 \downarrow 650 for FSC after 1st specimen (70)

concerning

1. The first part of the paper is devoted to a discussion of the

theoretical background of the problem. It is shown that the

problem is closely related to the theory of the

theoretical background of the problem. It is shown that the

problem is closely related to the theory of the

theoretical background of the problem. It is shown that the

problem is closely related to the theory of the

theoretical background of the problem. It is shown that the