

2. NKT surface /  $P_2$

Date      Conc
$$\begin{array}{r} 1.2 \\ \times 35 \\ \hline 60 \\ 360 \\ \hline 420 \end{array}$$

Infant than @

$$\begin{array}{r} 75 \\ +6 \\ \hline 14 \\ +6 \\ \hline 114 \end{array}$$

12:11 pm  
12:51 → steam  
1:32 pm PM 1)  
L/D @ 5:44 pm  
1st FBS spine  
6:04 pm  
Tetramers @  
6:30 pm (non-peak)  
~ 0.5  $\mu$ l  
Surface @ 8:36  
Sels @ 6:45  
FBS @ 8:58-59  
2nd FBS spine 7:06  
stop @ 7:32 pm  
Surface stage @ 8:36

20  
K.5  

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10.0 mls

1-9 mls  
Richey

$$\begin{array}{r} 12 \quad 3 \\ 11 \quad 6 \\ \hline 23 \quad 9 \\ \times 8 \\ \hline 184 \end{array}$$

$1M \cdot 2.84 \rightarrow 2.84$   
 $1.5 \cdot 3.52 \rightarrow 5.28$   
 $4 \cdot 2.45 \rightarrow 9.8$   
 $4 \cdot 3.06 \rightarrow 12.06$   
 $2 \cdot 1.58 \rightarrow 3.16$

$$12.64 - 4.5 = 8$$
$$17.34 - 4.5 = 12.8$$
$$\frac{4}{4} \times 1.5 = \frac{2}{2}$$

3.8 → RNAV

$$\begin{array}{r} 329 \\ \times 4 \\ \hline 1316 \end{array}$$

14 mls      14.0  
                1.4  
                —  
                12.6

100

100

3

250

250

100  
100  
100

100

100



October 1-2<sup>nd</sup>, 2021

100 6  
010  
3 =

HEU: Ex-vivo  $\gamma\delta$  CBMC panels #2

| Specimen          | Status | Location | Conc | Date    | Tasks | Volume | Ly   | Ly+Mon | Total | 1E+6 | 1.5E+6                              |
|-------------------|--------|----------|------|---------|-------|--------|------|--------|-------|------|-------------------------------------|
| Inf 055<br>a-2    |        | RVA5     |      |         |       | 4      | 2.45 | 3.88E6 | 9.8   |      | 612 $\mu$ l                         |
| Inf 374<br>a-2    | HEU-B  | SV4T     |      |         |       | 4      | 3.06 | 4.24E6 | 12.24 |      | 490 $\mu$ l                         |
| Inf 313-mo<br>a-2 | HEU-H  | SNFD     |      | 10/1/21 |       | 2.5ml  | 1.45 | 2.74E6 | 3.625 | 6.85 | pretend 3 <sup>rd</sup><br>→ cell/c |
|                   |        |          |      |         |       |        |      |        |       |      |                                     |
|                   |        |          |      |         |       |        |      |        |       |      |                                     |

443

00 / NMT=

0 / MAF=

000  
000

6 2  
419 2

APC  
Tetramer

|             |                |     |      |      |
|-------------|----------------|-----|------|------|
| BV421       | CCR6           | 2.0 | 9    | 13   |
| BUS10       | L/D            |     |      |      |
| BV650       |                |     |      |      |
| Fitc        | CD4            | 1.8 | 8.1  | 11.7 |
| PerCP       | CD45RA         | 2   | 9    | 13   |
| PE          | CD161          | 0.5 | 2.25 | 3.25 |
| PE-Dazl     | CD27           | 1.5 | 6.75 | 9.75 |
| PEV6770     | CD3            | 0.5 | 2.25 | 3.25 |
| APC         | Tetramer or Va |     |      |      |
| APC-Fitc750 | CD8            | 1.5 | 6.75 | 9.75 |
| PBS         | PBS            |     | 41.4 | 59.8 |

Accidentally  
became  
CD27

|          |       |             |     |      |
|----------|-------|-------------|-----|------|
| BV421    | Va24  | 2           | 4   | 6    |
| BUS10    | CD3   | 1.5         | 3   | 4.5  |
| BV650    | NR62D | 2 (1.5)     | 4   | 6    |
| Fitc     | CD4   | 1.8         | 3   | 3.6  |
| PerCP    | CD56  | 1           | 2   | 3    |
| PE       | PDI   | 1.5         | 3   | 4.5  |
| PE-Dazl  | CCR7  | 1.5         | 3   | 4.5  |
| PeVio    | NR62A | 0.6         | 1.2 | 1.8  |
| APC      | CCR6  | 2.5         | 5   | 7.5  |
| APC-Fitc | L/D   |             |     |      |
| PBS      |       | 6.4 - 1.5 = | 4.9 | 22.6 |

Va5

|          |          |     |       |      |
|----------|----------|-----|-------|------|
| BV421    | Va24J18  | 1.5 | 6.75  | 10.1 |
| BUS10    | L/D Aqua |     |       |      |
| BV650    | CD4      | 1.8 | 8.1   | 5.4  |
| Fitc     | CD45RA   | 2   | 9     | 6    |
| PerCP    | CD161    | 0.5 | 2.25  | 1.5  |
| PE       | CD27     | 1.5 | 6.75  | 4.5  |
| PEVio    | CD3      | 0.5 | 2.25  | 1.5  |
| APC      | CCR6     | 2.5 | 11.25 | 2.5  |
| APC-Fitc | CD8      | 1.5 | 6.75  | 4.5  |
| PBS      |          | 8.7 | 39.15 | 26.1 |

|          |          |                 |     |     |
|----------|----------|-----------------|-----|-----|
| B-VH21   | CCR6     | 2               | 4   | 6   |
| BUS10    | CD3      | 1.5             | 3   | 4.5 |
| BV650    | NR62D    | 2               | 4   | 6   |
| Fitc     | CD4      | 1.8             | 3   | 3.6 |
| PerCP    | CD56     | 1               | 2   | 3   |
| PE       | PDI      | 1.5             | 3   | 4.5 |
| PE-Dazl  | CCR7     | 1.5             | 3   | 4.5 |
| PeVio    | NR62A    | 0.6             | 1.2 | 1.8 |
| APC      | Tetramer |                 |     |     |
| APC-Fitc | L/D      |                 |     |     |
| PBS      |          | 10.4 - tetramer |     |     |

8.6 - 1.5 = 7.1 21.3

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October 1-2<sup>nd</sup>, 2021

no adjustments to PMT, minor for BUE50 scgade

start col-InfOSS ctrl  
FSC is @ 610

FSC is @ 610

Pump is dripping, but humming.  
~ 7 minutes/tube?  
cone / @ 200 euts/sec

Conc / 6200 euts/sec

$$\frac{1.5}{150} = 10 \text{ E6/}^\circ\text{C}$$

cone drops  $\sim 2000$ ,  
 $\uparrow$  around 6:45 marks.

(Ent 374 lowest conc vs other 2)

$$\begin{array}{r} 12 \\ \times 7 \\ \hline 84 \end{array}$$

P<sub>2</sub> 055 → 7000 euts @ min 3!

Finishing P2  $\rightarrow \sim 12:34$

$P_1 \rightarrow$  mark FSC back to 600

10,000 cells @ 4.14 pTnA055 hydrophobic!  
(lot of RBCs surviving)

LSR Froze @ 1:12 pm

Restart files @ 1:19 w/o need to restore

Pls just seem to be running @ high conc  
9000 cells/sec due to RBCs.

LIP /  $\left[ \begin{array}{c} \text{clear} \\ \text{cop} \\ \text{PES?} \end{array} \right]$   
 ESC-A;

L/o <sup>(D3)</sup> FSC X axis was on brexprenthial.

ND006 has barely any NRTs ...

→ <sup>upper</sup> I used 2  $\mu$ l instead of 1.5  $\mu$ l Vaz4jal8... for P<sub>2</sub> wells.

→ discrepancy Va vs tub stainings?

← Cytometer issues

3 months later realized

LSR acting really bizarrely...

10/2/21 5:20:36

The Va reg  $\neq$   
Va Pz,  
something else



*[Faint, illegible handwritten text covering the page, likely bleed-through from the reverse side.]*