

August 23, 2021

HEU: P4b γδ Cord D0 Panels

4M + extra adult

Specimen	Status	Location	Conc	Date	Tasks	Volume	Ly	Ly+M	Total	.5	1
ND006			15E6	03/25/21	Tetramers Abtest	3	3.78E6	4.52	11.34	396 μl	265 μl
ND006			15E6	03/25/21	Tetramers	3	3.93E6	4.81	11.79		254 μl
CQ 1070 #8611					P4b + CQ NKT/Mat	3	5.3E6	5.73	15.9	283 μl 566	184 μl
ND006			~15E6 continued	01/27/21	Single eders	3	3.15E6	3.81	11.43	1000 127 μl	

Master Mix

Current Version	Ex vivo Gd-p4b	Surface μL	x	Intra μL	x
BV421	PD1	2	4		
BV510					
BV650	CD56	1.8	3.6		
Alexa 488 (FITC)	Perforin (dG9)	-	-	3	
PerCPeF710	CD3	1.5	3		
PE	GZMb	-	-	1.5	
PE Dazzle					
PE Vio770	NKG2A	0.6	1.2		
APC	Vδ2	1	2		
APC Fire750	Horizon L/D	1:1000			
20.5 μl/rxn;	PBS	13.6	27.2	16	72

Hao-Ting & November	Ex vivo Gd-p4b	Surface μL	x	Intra μL	x
BV421	PD1	2	4		
BV510	Aqua L/D	1:500			
BV650					
Alexa 488 (FITC)	Perforin (dG9)	-	-	2	
PerCPeF710	CD3	1.5	3		
PE	GZMb	-	-	1.5	
PE Dazzle					
PE Vio770	NKG2A	0.6	1.2		
APC	CD56	1.3	2.6		
APC Fire750	VD2	1.2	2.4		
20.5 μl/rxn;	PBS	13.6	27.2	17.0	

13.9

strep

P4b out intra @ 4pm

Done @ 4:50pm

SpinCent
@ 3:08

strep @ 2:27 → 2:42 pm

Surfaces @ 2:34 → 2:54 pm

Pub fix perm @ 4:38 → 4:58 pm

Ab - st - tets 40 min RS @ 2:55 pm → 3:44 pm

Pz Vio770 fix perm @ 2:57

Pub in @ 3:19 Vα 3:21 Bz tets 3:34

Thaw @ 10:12 am

1000 μl for CQ (extra blurry!)
10 μl for both ND006 (time process)

Cal count @ 10:46 am

12 well

1.5 μl 50 3
2 ml 15 μl IL-2

2 ml

1 ml

Cells into culture @ 11:34 AM

~ 9.8 + 11.3 ≈ 21.6 ND006 cells

~ 6 + 6 = ~ 12 million leftover cells → ACID id. file
add
hcdcl/APC
etc

Aliquoting @ 11:50 am.

h20 in @ 12:28 pm

2 ml FBS spm @ 12:51 pm

Tet @ comb @ 1:13 All tets in @ 1:18 pm

strep @ 2:27 → 2:42 pm Surface start @ 2:23 done @ 13:30

Surfaces @ 2:34 → 2:54 pm

Pub fix perm @ 4:38 → 4:58 pm

Ab - st - tets 40 min RS @ 2:55 pm → 3:44 pm

Pz Vio770 fix perm @ 2:57

Pub in @ 3:19 Vα 3:21 Bz tets 3:34

1. The first part of the report discusses the background of the project and the objectives of the study. It also outlines the methodology used for data collection and analysis.

2. The second part of the report presents the results of the study, including the findings of the surveys and interviews. It also discusses the implications of the findings for the project and the organization.

3. The third part of the report provides a conclusion and recommendations for future research. It also includes a list of references and an appendix with additional data and information.

4. The fourth part of the report discusses the limitations of the study and the potential for future research. It also includes a list of references and an appendix with additional data and information.

5. The fifth part of the report provides a conclusion and recommendations for future research. It also includes a list of references and an appendix with additional data and information.

6. The sixth part of the report discusses the limitations of the study and the potential for future research. It also includes a list of references and an appendix with additional data and information.

7. The seventh part of the report provides a conclusion and recommendations for future research. It also includes a list of references and an appendix with additional data and information.

8. The eighth part of the report discusses the limitations of the study and the potential for future research. It also includes a list of references and an appendix with additional data and information.

9. The ninth part of the report provides a conclusion and recommendations for future research. It also includes a list of references and an appendix with additional data and information.

10. The tenth part of the report discusses the limitations of the study and the potential for future research. It also includes a list of references and an appendix with additional data and information.

11. The eleventh part of the report provides a conclusion and recommendations for future research. It also includes a list of references and an appendix with additional data and information.

12. The twelfth part of the report discusses the limitations of the study and the potential for future research. It also includes a list of references and an appendix with additional data and information.

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HEU: P4b $\gamma\delta$ Cord D0 Panels

D10: 500K cell aliquots

From CQB = 180 μ l $\frac{3.3}{720}$

1.44 2.620 ml

0.4 140 μ l $\times 10 = 1.4$

0.3 110 μ l $\times 2 = .22$
3.66

Test Aqua	Ex vivo Gd-p4b	Surface μ L x 2	Intra μ L x 8.5
BV421	PD1	2	4
BV510	Aqua L/D	1:500	
BV650	CD56	1.8	3.6
Alexa 488 (FITC)	Perforin (dG9)	-	- 3 20.25
PerCPeF710	CD3	1.5	3.0
PE	GZMb	-	- 1.5 12.75
PE Dazzle			
PE Vio770	NKG2A	0.6	1.2
APC	V δ 2	1.0	2
APC Fire750			
20.5 μ l/rxn;	PBS	13.6	20.2 16 128 136

Test Aqua + CD16	Ex vivo Gd-p4b	Surface μ L x 2	Intra μ L x
BV421	PD1	2	4
BV510	Aqua L/D	1:500	
BV650	CD56	1.8	3.6
Alexa 488 (FITC)	Perforin (dG9)	-	- 3
PerCPeF710	CD3	1.5	3.0
PE	GZMb	-	- 1.5
PE Dazzle			
PE Vio770	NKG2A	0.6	1.2
APC	V δ 2	1	2
APC Fire750	CD16	1	2
20.5 μ l/rxn;	PBS	12.6	25.2 16

~~6004~~ ~~10000~~ ~~CG~~ 3.1 L 1.2 Total
 5.66 2.83 = 8.773
~~5704~~ ~~10000~~ ~~CG~~ 3.3 5.65 2.825 = ~~8.773~~
 9.306
~~4304~~ ~~10000~~ ~~CG~~ 1.3 9.99 4.995 = 6.49

HU : 305-8
 2019-09-30 7
 Box 9A Row E Col 5

 HEU-L: 135-9
 2018-12-27 9
 Box 5A Row B Col 7 ✓