

UK NEQAS FOR H&I SCHEME 2A - CYTOTOXIC CROSSMATCHING

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A01/2015 OS PC

DESPATCHED ON 20TH JANUARY 2015

HLA PHENOTYPE OF BLOOD DONOR: HLA-A3, A68; B7, B57; Cw7, - ; DR4, DR7; DQ8, DQ9

Summary of Results									
PBL/T-Cells					B-Cells				
Total tested	27	27	27	27	20	20	20	20	
Positive	27	1	0	0	20	0	0	0	
Negative	0	26	27	27	0	20	20	20	
NT/Equivocal	5	5	5	5	3	3	3	3	
% Positive	100.0%	3.7%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
% Negative	0.0%	96.3%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%	
Consensus	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
HLA Antibody (Defined By CDC)	A3, B7, B27, B22	B14+	DR17	B51	A3, B7, B27, B22	B14+	DR17	B51	
Lab No.	Without DTT				Without DTT				
	Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4	
112	Positive	Positive	Negative	Negative					
116	Positive	Negative	Negative	Negative					
119	Positive	Negative	Negative	Negative					
120	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
128	Positive	Negative	Negative	Negative					
139	NT	NT	NT	NT	NT	NT	NT	NT	Late delivery of samples
143	NT	NT	NT	NT					Late delivery of samples
147	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
154	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
159	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
174	NT	NT	NT	NT					Late delivery of samples
181	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
189	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
190	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
193	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
194	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
195	NT	NT	NT	NT	NT	NT	NT	NT	Late delivery of samples
197	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
209	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
216	Positive	Negative	Negative	Negative					
223	Positive	Negative	Negative	Negative	NT	NT	NT	NT	B-cells not tested due to low viability
229	Positive	Negative	Negative	Negative					
232	NT	NT	NT	NT					Late delivery of samples
238	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
245	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
252	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
259	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
260	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
293	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
294	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
297	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
321	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	

There were delivery issues for several laboratories for samples 2A01&02/2015, due to delays with customs. This should not impact future distributions.

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Lab No.	PBL/T-cell without DTT				B-cell without DTT				Cell viability %		
	Serum 1 reaction strength	Serum 2 reaction strength	Serum 3 reaction strength	Serum 4 reaction strength	Serum 1 reaction strength	Serum 2 reaction strength	Serum 3 reaction strength	Serum 4 reaction strength	PBL	T-cells	B-cells
112	8	4	-1	-1					90		
116	8	1	1	1						90	
119	8	1	1	1					90		
120	8	1	1	1	8	1	1	1		100	100
128	8	1	1	1					97		
139	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
143	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
147	8	1	1	1	8	1	1	1		100	100
154	8	1	1	1	8	1	1	1		95	95
159	8	1	1	1	8	1	1	1		95	95
174	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
181	8	1	1	1	8	1	1	1	100		100
189	6	1	1	1	6	1	1	1	86	85	90
190	100%	2%	2%	2%	100%	5%	5%	5%		98	95
193	8	1	1	1	8	1	1	1		99	99
194	8	1	1%	1	8	4	1	1	100	100	100
195	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
197	Strong				Strong					70	70
209	8				8				95		90
216	8	1	1	2					70		
223	8	1	1	1	NT	NT	NT	NT		95	70
229									50		
232	NT	NT	NT	NT	NT	NT	NT	NT	20		
238	8	1	1	1	8	1	1	1	95	95	90
245	8	1	1	1	8	1	1	1	100	100	100
252	6-8	1	1	1	8	1	1	1	60		50
259									90	90	90
260	++++				++++					90	90
293	8				8					80	70
294	8	0	0	0	8	0	0	0		100	100
297	8	1	1	1	8	1	1	1	90	90	90
321	2	1	1	1	8	1	1	1		98	98

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HLA PHENOTYPE OF BLOOD DONOR: HLA-A3, A68; B7, B57; Cw7, - ; DR4, DR7; DQ8, DQ9

Summary of Results								
PBL/T-Cells					B-Cells			
Total tested	23	23	23	23	18	18	18	18
Positive	23	0	0	0	18	0	0	0
Negative	0	23	23	23	0	18	18	18
NT/Equivocal	4	4	4	4	3	3	3	3
% Positive	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
% Negative	0.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
Consensus	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
HLA Antibody (Defined By CDC)	A3, B7, B27, B22	B14+	DR17	B51	A3, B7, B27, B22	B14+	DR17	B51
Lab No.	With DTT				With DTT			
	Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4
112	Positive	Negative	Negative	Negative				
116	Positive	Negative	Negative	Negative				
119	Positive	Negative	Negative	Negative				
120	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
139	NT	NT	NT	NT	NT	NT	NT	NT
147	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
154	NT	NT	NT	NT	NT	NT	NT	NT
159	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
174	NT	NT	NT	NT				
181	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
189	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
190	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
193	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
194	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
195	NT	NT	NT	NT	NT	NT	NT	NT
197	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
209	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
216	Positive	Negative	Negative	Negative				
229	Positive	Negative	Negative	Negative				
238	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
245	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
252	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
260	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
293	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
294	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
297	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
321	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative

Late delivery of samples

Unable to test with DTT - Low cell count

Late delivery of samples

Late delivery of samples

There were delivery issues for several laboratories for samples 2A01&02/2015, due to delays with customs. This should not impact future distributions.

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Lab No.	PBL/T-cell with DTT				B-cell with DTT				Cell viability %		
	Serum 1 reaction strength	Serum 2 reaction strength	Serum 3 reaction strength	Serum 4 reaction strength	Serum 1 reaction strength	Serum 2 reaction strength	Serum 3 reaction strength	Serum 4 reaction strength	PBL	T-cells	B-cells
112	8	-1	-1	-1					90		
116	8	1	1	1						90	
119	8	1	1	1					90		
120	8	1	1	1	8	1	1	1		100	100
139	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
147	8	1	1	1	8	1	1	1		100	100
154	NT	NT	NT	NT	NT	NT	NT	NT		95	95
159	8	1	1	1	8	1	1	1		95	95
174	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
181	8	1	1	1	8	1	1	1	100		100
189	6	1	1	1	6	1	1	1	86	85	90
190	100%	1%	1%	1%	100%	5%	5%	5%		98	95
193	8	1	1	1	8	1	1	1		99	99
194	8	1	1	1	8	1	1	1	100	100	100
195	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
197	Strong				Strong					70	70
209	8				8				95		90
216	8	1	1	2					70		
229									50		
238	8	1	1	1	8	1	1	1	95	95	90
245	8	1	1	1	8	1	1	1	100	100	100
252	4	1	1	1	4-6	1	1	1	60		50
260	++++				++++					90	90
293	8				8					80	70
294	8	0	0	0	8	0	0	0		100	100
297	8	1	1	1	8	1	1	1	90	90	90
321	2	1	1	1	8	1	1	1		98	98