

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A02/2015 OS WB

DESPATCHED ON 20TH JANUARY 2015

HLA PHENOTYPE OF BLOOD DONOR: HLA-A1, A2; B8, B56; Cw1, Cw7; DR1, DR15; DQ5, DQ6

Summary of Results										
	PBL/T-Cells				B-Cells					
Total tested	20	19	19	19	18	17	18	18		
Positive	1	12	0	1	2	9	0	1		
Negative	19	7	19	18	16	8	18	17		
NT/Equivocal	2	3	3	3	1	2	1	1		
% Positive	5.0%	63.2%	0.0%	5.3%	11.1%	52.9%	0.0%	5.6%		
% Negative	95.0%	36.8%	100.0%	94.7%	88.9%	47.1%	100.0%	94.4%		
Consensus	Negative	Not Assessed	Negative	Negative	Negative	Not Assessed	Negative	Negative		
HLA Antibody (Defined By CDC)	B51	A3, B7, B27, B22	B14+	DR17	B51	A3, B7, B27, B22	B14+	DR17		
	Without DTT				Without DTT					
Lab No.	Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4		
101	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
114	Negative	Positive	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
117	NT	NT	NT	NT						Late delivery of samples
126	Positive	NT	NT	NT	Positive	Negative	Negative	Negative		
136	Negative	Positive	Negative	Negative						
145	Negative	Positive	Negative	Negative	Negative	Positive	Negative	Negative		
149	Negative	Positive	Negative	Negative						
162	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Negative		
163	Negative	Positive	Negative	Negative	Negative	Negative	Negative	Negative		
169	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Negative		
186	Negative	Positive	Negative	Negative	Negative	Positive	Negative	Negative		
204	Negative	Negative	Negative	Negative	Negative	Equivocal	Negative	Negative		
206	Negative	Positive	Negative	Negative	Negative	Positive	Negative	Negative		
210	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
227	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
235	NT	NT	NT	NT	NT	NT	NT	NT		Late delivery of samples
243	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
262	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Positive	
268	Negative	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
284	Negative	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
311	Negative	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
315	Negative	Negative	Negative	Negative	Negative	Negative	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
101										100	80
114	1	6	1	1	1	1	1	1			
117	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
126	50%	NT	NT	NT	50%					100	100
136	1	6	1	1						95	
145		6-8				6-8				100	100
149		4-6							85		
162		6			6	6				100	100
163	8	8	8	1	8	8	8	1		85	90
169	1	2	1	2	1	2	1	1		97	98
186	0	2	0	0	0	2	0	0		85	92
204	1	1	1	1	4	6	4	4		90	50
206	1	6	1	1	1	6	1	1		100	100
210	0	0	0	0	0	0	0	0		80	70
227										95	95
235	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
243	2	2	2	2	2	2	2	2	90	80	80
262	1	1	1	1	1	6	1	4	80	70	70
268	1	6	1	1	1	4	1	1		90	80
284	1	6	1	1	1	4	1	1		98	95
311	1	8	1	1	1	4	1	1		95	95
315	1	1	1	1	1	1	1	1		80	80

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Summary of Results									
PBL/T-Cells					B-Cells				
Total tested	16	16	16	16	15	14	15	15	
Positive	0	8	0	1	0	5	0	0	
Negative	16	8	16	15	15	9	15	15	
NT/Equivocal	1	1	1	1	1	2	1	1	
% Positive	0.0%	50.0%	0.0%	6.3%	0.0%	35.7%	0.0%	0.0%	
% Negative	100.0%	50.0%	100.0%	93.8%	100.0%	64.3%	100.0%	100.0%	
Consensus	Negative	Not Assessed	Negative	Negative	Negative	Not Assessed	Negative	Negative	Negative
HLA Antibody (Defined By CDC)	B51	A3, B7, B27, B22	B14+	DR17	B51	A3, B7, B27, B22	B14+	DR17	
Lab No.	With DTT				With DTT				
	Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4	
101	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
114	Negative	Positive	Negative	Negative	Negative	Negative	Negative	Negative	Negative
149	Negative	Positive	Negative	Negative					
162	Negative	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
163	Negative	Positive	Negative	Negative	Negative	Negative	Negative	Negative	Negative
169	Negative	Negative	Negative	Positive	Negative	Positive	Negative	Negative	Negative
186	Negative	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
204	Negative	Negative	Negative	Negative	Negative	Equivocal	Negative	Negative	Negative
206	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
210	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
227	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
235	NT	NT	NT	NT	NT	NT	NT	NT	NT
262	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative
268	Negative	Positive	Negative	Negative	Negative	Negative	Negative	Negative	Negative
284	Negative	Positive	Negative	Negative	Negative	Positive	Negative	Negative	Negative
311	Negative	Positive	Negative	Negative	Negative	Negative	Negative	Negative	Negative
315	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative

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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
101										100	80
114	1	4	1	1	1	1	1	1			
149		4-6							85		
162		6				6				100	100
163	1	6	1	1	1	1	1	1		85	90
169	1	1	1	2	1	2	1	1		97	98
186	0	2	0	0	0	2	0	0		85	92
204	1-2	1	8	1	6	4-6	6	1		90	50
206	1	1	1	1	1	1	1	1		100	100
210	0	0	0	0	0	0	0	0		80	70
227										95	95
235	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
262	1	1	1	1	1	4	1	1	80	70	70
268	1	6	1	1	1	1	1	1		90	80
284	1	6	1	1	1	4	1	1		98	95
311	1	8	1	1	1	1	1	1		95	95
315	1	1	1	1	1	1	1	1		80	80