

UK NEQAS for H&I Scheme 2A - Cytotoxic Crossmatching

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A09/2017 OS

DESPATCHED ON 03RD OCTOBER2017

HLA PHENOTYPE OF BLOOD DONOR: A2, A68; B27, B44; Cw2, Cw5; DR14, DR17; DQ2, DQ5

				Summary of Results														
				PBL				T-Cells				B-Cells						
Total tested	Positive	Negative	NT/Equivocal	12	13	13	13	35	35	35	33	32	29	28	29			
% Positive	% Negative	Consensus				Not Assessed				Negative				Positive				
HLA Antibody Specificity (Defined By CDC)				DR5 DR6 DQ6	DQ3	B7 DR2	Multi	DR5 DR6 DQ6	DQ3	B7 DR2	Multi	DR5 DR6 DQ6	DQ3	B7 DR2	Multi			
Lab No.	PBL Assessment	T Cell Assessment	B Cell Assessment	Without DTT				Without DTT				Without DTT				Comments		
				Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4			
101	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
112	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
116	YES	YES	YES	Positive	Negative	Negative	Negative	NT	NT	NT	NT	NT	NT	NT	NT	Crossmatches without DTT were not performed according to current protocol.		
119	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
120	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
128	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Equivocal	Negative	Equivocal for serum 3 because even the results getting on the beginning looks like negative, there was a quick dye within the well and the results changed to positive within 5 minutes, we repeated the test to confirm a negative reaction but since the viability was low so reported as equivocal		
133	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Equivocal	Negative			
139	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Equivocal	Equivocal	Equivocal			
143	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Equivocal	Equivocal			
145	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Equivocal	Equivocal			
147	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Equivocal	Negative	Agglutination of cells at reception with about 20% dead cells, we harvested only 5.10exp6 with high background reactivity.		
154	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Equivocal	Positive	Equivocal	Negative	Negative	Not enough cells to test with DDT		
157	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Positive	Low cell viability, impossible to assess DTT results.		
159	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Equivocal	Equivocal	Negative			
162	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
163	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
169	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
181	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Equivocal	Equivocal	Equivocal			
186	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Equivocal	Negative	Negative			
189	YES	YES	YES	Positive	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	Low B-cell viability		
190	YES	YES	YES	NT	NT	NT	NT	Negative	Negative	Negative	Negative	NT	NT	NT	NT			
193	YES	YES	YES	NT	NT	NT	NT	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Positive			
194	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
195	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive			
197	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
204	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
206	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
209	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	NT	NT	NT	NT	B-cells are not routinely tested for deceased donors		
216	YES	YES	YES	NT	NT	NT	NT	Negative	Negative	Negative	Negative	Equivocal	Equivocal	Equivocal	Equivocal	There was not enough cells to perform the test.		
223	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Equivocal	Equivocal	Equivocal	Equivocal	No results reported for B-cells due to low viability (equivocal)		
227	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	NT	NT	Negative	Negative	NT	Not testing : Technical failure		
229	YES	YES	YES	Positive	Negative	Positive	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Background due to extended travelling time		
232	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
235	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
238	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
239	YES	YES	YES	Positive	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
245	YES	YES	YES	Equivocal	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
252	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
260	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
268	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
284	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
292	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
293	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
294	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
297	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative			
321	YES	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Insufficient number of T and B-cells		
351	YES	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Cell viability too low		

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PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A09/2017 OS

DESPATCHED ON 03RD OCTOBER2017

Lab No.	PBL without DTT				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	Serum 1 reaction strength	Serum 2 reaction strength	Serum 3 reaction strength	Serum 4 reaction strength	PBL	T-cells	B-cells
101					1	1	1	1	6	1	1	1		100	100
112	1	1	1	1									90		
114					1	1	1	1	8	1	1	1			
116					NT	NT	NT	NT	NT	NT	NT	NT		95	80
119	4	1	1	1									95		
120					1	1	1	1	8	1	1	1		80	80
128	1	1	1	1									90		
133					2	2	2	2	8	2	-	2	75	70	75
139	1	1	1	1	1	1	1	1	8	Equivocal	Equivocal	Equivocal	80	80	30
143					1	1	1	2						85	
145					-	-	-	-	8	-	Equivocal	Equivocal		100	100
147	1	1	1	1	1	1	1	1	6	1	1	1	100	100	80
154					1	1	1	Equivocal	6	Equivocal	1	1	75	60	90
157					2	2	2	2	8	2	2	6		60	50
159					1	1	1	1	6	2	2	1		99	99
162					1	1	1	1	8	1	1	1		100	100
163					1	1	1	1	8	1	1	1		90	90
169					1	1	1	1	8	1	1	1		98	97
181					1	1	1	1	8	4	4	4		95	95
186					0	0	0	0	4	0	0	0		99	99
189	4	1	2	1									90	90	90
190					1	1	1	1	NT	NT	NT	NT		99	
193	NT	NT	NT	NT	1	1	1	1	8	1	1	6		99	99
194					1	1	1	1	6	1	1	1	94	98	85
195					2	2	2	2	8	2	6	6		80	70
197					-	-	-	-	-	-	-	-	70	70	70
204					1	1	1	1	8	1	2	2		90	90
206					-	-	-	-	8	-	-	-		100	80
209	1	1	1	1					NT	NT	NT	NT		95	
216	NT	NT	NT	NT									95		
223					1	1	1	1	Equivocal	Equivocal	Equivocal	Equivocal		95	0
227					1	1	1	NT	NT	1	1	NT		90	90
229															
232	6+	0	6+	0									65		
235	1	1	1	1									85		
238	2	1	1	1	1	1	1	1	8	2	1	2	95	95	80
239	4	-	-	-	-	-	-	-	8	-	-	-	99	99	99
245	2	1	1	1	1	1	1	1	8	1	1	1	100	100	100
252	1	1	1	1					6	1	1	1	70	100	60
260					-	-	-	-	-	-	-	-		90	75
268					1	1	1	1	6	1	1	1		85	85
284					1	1	1	1	8	1	1	1		95	92
292					1	1	1	1	8	1	1	1		75	55
293					0	0	0	0	6+	0	0	0		90	80
294					0	0	0	0	8	0	0	2		95	95
297					1	1	1	1	6	1	2	2	80	80	80
321					NT	NT	NT	NT	NT	NT	NT	NT			
351					NT	NT	NT	NT	NT	NT	NT	NT			

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HLA PHENOTYPE OF BLOOD DONOR: A2, A68; B27, B44; Cw2, Cw5; DR14, DR17; DQ2, DQ5

				Summary of Results												
				PBL				T-Cells				B-Cells				
Total tested	10	11	11	11	32	32	32	31	30	30	28	28				
Positive	1	0	0	0	0	0	0	0	30	0	0	0				
Negative	9	11	11	11	32	32	32	31	0	30	28	28				
NT/Equivocal	3	2	2	2	2	2	2	3	6	6	8	8				
% Positive	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%				
% Negative	90.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%				
Consensus	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative				
HLA Antibody Specificity (Defined By CDC)	DR5 DR6 DQ6	DQ3	B7 DR2	Multi	DR5 DR6 DQ6	DQ3	B7 DR2	Multi	DR5 DR6 DQ6	DQ3	B7 DR2	Multi				
				With DTT				With DTT				With DTT				
Lab No.	PBL Assessment	T Cell Assessment	B Cell Assessment	Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4	Comments
101	YES	YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
112	YES			Negative	Negative	Negative	Negative									
114		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
116		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
119	YES			Negative	Negative	Negative	Negative									
120		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
133		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Equivocal	Negative	Equivocal for serum 3 because even the results getting on the beginning looks like negative, there was a quick dye within the well and the results changed to positive within 5 minutes, we repeated the test and confirm a negative reaction but since the viability was low so reported as equivocal
139	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Equivocal	Equivocal	Equivocal	
143		YES						Negative	Negative	Negative	Negative					
147	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
157		YES	YES									Equivocal	Equivocal	Equivocal	Equivocal	Low cell viability, impossible to assess DTT results.
159	YES	YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
162	YES	YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
163	YES	YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
169	YES	YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
181	YES	YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
186	YES	YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
189	YES			Positive	Negative	Negative	Negative									
190		YES	YES					Negative	Negative	Negative	Negative	NT	NT	NT	NT	Low B-cell viability
193	YES	YES	YES	NT	NT	NT	NT	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
194		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
195		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Equivocal	Equivocal	
197		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
204		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
206		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
209	YES		YES	Negative	Negative	Negative	Negative					NT	NT	NT	NT	B-cells not routinely tested from deceased donors
216	YES			NT	NT	NT	NT									There was not enough cells to perform the test.
227		YES	YES					Negative	Negative	Negative	NT	NT	Negative	Negative	NT	Not testing : Technical failure
229	YES															
235	YES			Negative	Negative	Negative	Negative									
238	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
245	YES	YES	YES	Equivocal	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
252	YES		YES	Negative	Negative	Negative	Negative					Positive	Negative	Negative	Negative	
260		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
262	YES	YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
268		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
284		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
292		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
293		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
294		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
297		YES	YES					Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative	
321	YES	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Insufficient number of T and B-cells
351	YES	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Cell viability too low

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Lab No.	PBL with DTT				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	Serum 1 reaction strength	Serum 2 reaction strength	Serum 3 reaction strength	Serum 4 reaction strength	PBL	T-cells	B-cells
101					1	1	1	1	8	1	1	1	90	100	100
112	1	1	1	1											
114					1	1	1	1	8	1	1	1			
116					1	1	1	1	6-8	1	1	1		95	80
119	1	1	1	1									95		
120					1	1	1	1	8	1	1	1		80	80
133					2	2	2	2	8	2	Equivocal	2	75	70	75
139	1	1	1	1	1	1	1	1	8	Equivocal	Equivocal	Equivocal	80	80	30
143					2	1	1	1						85	
147	1	1	1	1	1	1	1	1	6	1	1	1	100	100	80
157									Equivocal	Equivocal	Equivocal	Equivocal		60	50
159					1	1	1	1	6	1	1	1		99	99
162					1	1	1	1	8	1	1	1		100	100
163					1	1	1	1	8	1	1	1		90	90
169					1	1	1	1	8	1	1	1		98	97
181					1	1	1	1	8	1	1	2		95	95
186					0	0	0	0	4	0	0	0		99	99
189	4	1	2	1									90	90	90
190					1	1	1	1	NT	NT	NT	NT		99	
193	NT	NT	NT	NT	1	1	1	1	8	1	1	1		99	99
194					1	1	1	1	6	1	1	1	94	98	85
195					2	2	2	2	8	2	4	4		80	70
197					-	-	-	-	-	-	-	-	70	70	70
204					1	1	1	1	8	1	1	1		90	90
206					-	-	-	-	6	-	-	-		100	80
209	1	1	1	1					NT	NT	NT	NT	95		
216	NT	NT	NT	NT									95		
227					1	1	1	NT	NT	1	1	NT		90	90
229															
235	1	1	1	1									85		
238	2	1	1	1	1	1	1	1	8	2	1	2	95	95	80
245	2	1	1	1	1	1	1	1	8	1	1	1	100	100	100
252	1	1	1	1					6	1	1	1	70		60
260					-	-	-	-	++++	-	-	-		90	75
262	1	1	1	1	1	1	1	1	8	1	1	1	100	100	100
268					1	1	1	1	6	1	1	1		85	85
284					1	1	1	1	8	1	1	1		95	92
292					1	1	1	1	8	1	1	1		75	55
293					0	0	0	0	6+	0	0	0		90	80
294					0	0	0	0	8	0	0	0		95	95
297					1	1	1	1	6	1	1	1	80	80	80
321					NT	NT	NT	NT	NT	NT	NT	NT			
351					NT	NT	NT	NT	NT	NT	NT	NT			