

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A07/2018

DESPATCHED ON 30TH NOVEMBER 2018

HLA PHENOTYPE OF BLOOD DONOR: HLA-A1, A2; B44, B57; Cw5, Cw6; DR7, DR12; DQ7, DQ9

				Summary of Results												
				PBL				T-Cells				B-Cells				
Total tested	11	11	11	10	17	18	18	18	12	13	13	13	13			
Positive	1	1	0	0	0	1	0	0	0	0	0	0	0			
Negative	10	10	11	10	17	17	18	18	12	13	13	13	13			
NT	0	0	0	1	7	6	6	6	12	11	11	11	11			
% Positive	9.1%	9.1%	0.0%	0.0%	0.0%	5.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
% Negative	90.9%	90.9%	100.0%	100.0%	100.0%	94.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			
Consensus	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed			
HLA Antibody Specificity (Defined By CDC)	Multi B7 B27	B7	DR3	Cw2	Multi B7 B27	B7	DR3	Cw2	Multi B7 B27	B7	DR3	Cw2	Cw2			
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	
112	YES															No results returned
119	YES			Positive	Positive	Negative	NT									
120		YES	YES					NT	Negative	Negative	Negative	NT	Negative	Negative	Negative	Incoherent results - Not enough cells to repeat the test
133		YES	YES					Negative	Negative	Negative	Negative	NT	NT	NT	NT	Low cell count
139	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Delivery time long
143		YES						NT	NT	NT	NT					Low cell count
147	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
154		YES	YES					NT	NT	NT	NT	NT	NT	NT	NT	Cells were clumpy
157	YES			Negative	Negative	Negative	Negative									
159		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
163		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
169		YES	YES					Negative	Negative	Negative	Negative	NT	NT	NT	NT	Low cell count
189	YES			Negative	Negative	Negative	Negative									
190		YES	YES					NT	NT	NT	NT	NT	NT	NT	NT	Late delivery
193		YES	YES					Negative	Negative	Negative	Negative	NT	NT	NT	NT	Low cell count, Presence of aggregates
194		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Low cell count, Presence of aggregates
195		YES	YES					Negative	Negative	Negative	Negative	NT	NT	NT	NT	Not enough B cells in the sample and high mortality
197		YES	YES					NT	NT	NT	NT	NT	NT	NT	NT	The samples could not be tested because of poor cell viability
209		YES	YES					NT	NT	NT	NT	NT	NT	NT	NT	Low cell count
216		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
229	YES			Negative	Negative	Negative	Negative									
232		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Low cell count
235	YES			Negative	Negative	Negative	Negative									
238	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	NT	NT	NT	NT	Low cell count
239	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	NT	NT	NT	NT	Low cell count
245	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Low cell count
252	YES		YES	Negative	Negative	Negative	Negative					Negative	Negative	Negative	Negative	
260		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
292		YES	YES					NT	NT	NT	NT	NT	NT	NT	NT	Late delivery. Low cell count
293		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
294		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	

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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
112															
119	6	4	1	NT									95		
120					NT	1	1	1	NT	1	1	1	-	100	100
133					2	4	2	2	NT	NT	NT	NT	95	95	80
139	1	1	1	1	1	1	1	1	2	1	2	1	70	70	70
143					NT	NT	NT	NT					-	77	-
147	1	1	1	1	1	1	1	1	1	1	1	1	90	99	90
154					NT	NT	NT	NT	NT	NT	NT	NT			
157	1	1	1	1									100	-	-
159					1	1	1	1	1	1	1	1	-	99	99
163					1	1	1	1	1	1	1	1	-	90	90
169					1	1	1	1	NT	NT	NT	NT	-	95	70
189	1	1	1	1									95	-	-
190					NT	NT	NT	NT	NT	NT	NT	NT			
193					-	-	-	-	NT	NT	NT	NT	-	99	-
194					1	1	1	1	1	1	1	1	-	90	80
195					1	1	1	1	NT	NT	NT	NT	-	90	30
197					NT	NT	NT	NT	NT	NT	NT	NT	40	30	30
209	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	-	0	0
216					1	1	1	1	1	1	1	1	-	95	95
229	-	-	-	-									90	-	-
232					0	0	0	0	0	0	0	0	-	80	60
235	2	2	2	2									60	-	-
238	1	1	1	1	1	1	1	1	NT	NT	NT	NT	80	80	5
239	-	-	-	-	-	6	-	-	NT	NT	NT	NT	70	70	70
245	1	1	1	1	1	1	1	1	2	1	1	1	100	100	100
252	1	1	1	1					1	1	1	1	60	-	60
260					NT	NT	NT	NT	NT	NT	NT	NT	-	90	80
292					NT	NT	NT	NT	NT	NT	NT	NT	25	25	15
293					0	0	0	0	0	0	0	0	-	80	80
294					0	0	0	0	0	0	0	0	-	100	85

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PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITH DTT OF SAMPLE 2A07/2018

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HLA PHENOTYPE OF BLOOD DONOR: HLA-A1, A2; B44, B57; Cw5, Cw6; DR7, DR12; DQ7, DQ9

				Summary of Results												
				PBL				T-Cells				B-Cells				
Total tested	11	11	11	10	17	17	17	17	13	13	12	12				
Positive	1	0	0	0	0	0	0	0	0	0	0	0				
Negative	10	11	11	10	17	17	17	17	13	13	12	12				
NT	0	0	0	1	5	5	5	5	9	9	10	10				
% Positive	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
% Negative	90.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%				
Consensus	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Not Assessed	Not Assessed	Not Assessed	Not Assessed	B cells not assessed due to high percentage of labs reporting NT			
HLA Antibody Specificity (Defined By CDC)	Multi B7 B27	B7	DR3	Cw2	Multi B7 B27	B7	DR3	Cw2	Multi B7 B27	B7	DR3	Cw2				
Lab No.	PBL Assessment	T Cell Assessment	B Cell Assessment	With DTT				With DTT				With 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	
112	YES															No results returned
119	YES			Positive	Negative	Negative	NT									
120		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Incoherent results - Not enough cells to repeat the test
133		YES	YES					Negative	Negative	Negative	Negative	NT	NT	NT	NT	Low cell count
139	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Delivery time long
143		YES						NT	NT	NT	NT					Low cell count
147	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
157	YES			Negative	Negative	Negative	Negative									
159		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
163		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
169		YES	YES					Negative	Negative	Negative	Negative	NT	NT	NT	NT	Low cell count
189	YES			Negative	Negative	Negative	Negative									
190		YES	YES					NT	NT	NT	NT	NT	NT	NT	NT	Late delivery
193		YES	YES					Negative	Negative	Negative	Negative	NT	NT	NT	NT	Low cell count, Presence of aggregates
194		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Low cell count, Presence of aggregates
195		YES	YES					Negative	Negative	Negative	Negative	NT	NT	NT	NT	Not enough B cells in sample and high mortality
197		YES	YES					NT	NT	NT	NT	NT	NT	NT	NT	The samples could not be tested because of poor cell viability
209		YES	YES					NT	NT	NT	NT	NT	NT	NT	NT	Low cell count
216		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
229	YES			Negative	Negative	Negative	Negative									
235	YES			Negative	Negative	Negative	Negative									
238	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	NT	NT	NT	NT	Low cell count
245	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Low cell count
252	YES	YES	YES	Negative	Negative	Negative	Negative					Negative	Negative	Negative	Negative	
260		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
262	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	NT	NT	Low cell count
292		YES	YES					NT	NT	NT	NT	NT	NT	NT	NT	Late delivery. Low cell count
293		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
294		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	

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112															
119	6	1	1	1									95	-	-
120					1	1	1	1	1	1	1	1	-	100	100
133					2	2	2	2	NT	NT	NT	NT	95	95	80
139	1	1	1	1	1	1	1	1	1	1	1	1	70	70	70
143					NT	NT	NT	NT					-	77	-
147	1	1	1	1	1	1	1	1	1	1	1	1	90	99	90
157													100	-	-
159					1	1	1	1	1	1	1	1	-	99	99
163					1	1	1	1	1	1	1	1	-	90	90
169					1	1	1	1	NT	NT	NT	NT	-	95	70
189	1	1	1	1									95	-	-
190					NT	NT	NT	NT	NT	NT	NT	NT			
193					-	-	-	-	NT	NT	NT	NT	-	99	-
194					1	1	1	1	1	1	1	1	-	90	80
195					1	1	1	1	NT	NT	NT	NT	-	90	30
197					-	-	-	-	-	-	-	-	40	30	30
209	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	-	0	0
216					1	1	1	1	1	1	1	1	-	95	95
229	-	-	-	-									90	-	-
235	2	2	2	2									60	-	-
238	1	1	1	1	1	1	1	1	NT	NT	NT	NT	80	80	5
239													70	70	70
245	1	1	1	1	1	1	1	1	2	1	1	1	100	100	100
252	1	1	1	1					1	1	1	1	60	-	-
260					-	-	-	-	-	-	-	-	-	90	80
262	1	1	1	1	1	1	1	1	1	1	NT	NT	-	80	60
292					NT	NT	NT	NT	NT	NT	NT	NT	25	25	15
293					0	0	0	0	0	0	0	0	-	80	80
294					0	0	0	0	0	0	0	0	-	100	85