

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A08/2018

DESPATCHED ON 30TH NOVEMBER 2018

HLA PHENOTYPE OF BLOOD DONOR: HLA-A32, S68; B60, B64; Cw8, Cw10; DR4, DR7; DQ2, DQ8

				Summary of Results												
				PBL				T-Cells				B-Cells				
Total tested	10	10	10	10	18	18	18	18	13	13	13	12				
Positive	0	1	1	0	0	0	0	1	0	2	0	2				
Negative	10	9	9	10	18	18	18	17	13	11	13	10				
NT	1	1	1	1	6	6	6	6	11	11	11	12				
% Positive	0.0%	10.0%	10.0%	0.0%	0.0%	0.0%	0.0%	5.6%	0.0%	15.4%	0.0%	16.7%				
% Negative	100.0%	90.0%	90.0%	100.0%	100.0%	100.0%	100.0%	94.4%	100.0%	84.6%	100.0%	83.3%				
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)	DR3	Multi B7 B27	Cw2	B7	DR3	Multi B7 B27	Cw2	B7	DR3	Multi B7 B27	Cw2	B7				
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			Negative	Positive	Positive	Negative									
120		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
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						Negative	Negative	Negative	Negative					
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	Positive	Negative	NT	Low cell count, Presence of aggregates
195		YES	YES					Negative	Negative	Negative	Negative	NT	NT	NT	NT	Not enough B cells in the sample
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	Positive	Negative	Negative	Negative	Positive	
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	Negative	Positive	Negative	Positive	
239	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	NT	NT	NT	NT	Low cell count
245	YES	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Low cell count, sample "coagulated"
252	YES			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	1	6	4	1									90	-	-
120					1	1	1	1	1	1	1	1	-	100	100
133					4	4	4	4	NT	NT	NT	NT	75	75	50
139	1	2	1	2	1	1	1	1	1	2	1	2	70	70	70
143					1	1	1	1					-	79	-
147	1	1	1	1	1	1	1	1	1	1	1	1	99	99	99
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	-	96	70
189	1	1	1	1									90	-	-
190					NT	NT	NT	NT	NT	NT	NT	NT			
193					-	-	-	-	NT	NT	NT	NT	-	99	-
194					1	1	1	1	1	4	1	NT	-	90	80
195					1	1	1	1	NT	NT	NT	NT	-	80	-
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	4	1	1	1	4	-	85	75
229	-	-	-	-									90	-	-
232					0	0	0	0	0	0	0	0	-	80	60
235	1	1	1	1									85	-	-
238	1	2	1	2	1	2	1	2	1	6	1	6	95	95	50
239	-	-	-	-	-	-	-	-	NT	NT	NT	NT	70	70	70
245	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	100	100	100
252	1	1	1	1					1	1	1	1	60	-	60
260					-	-	-	-	-	-	-	-	-	90	90
292					NT	NT	NT	NT	NT	NT	NT	NT	20	20	10
293					0	0	0	0	0	0	0	0	-	80	80
294					0	0	0	0	0	2	0	0	-	100	90

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HLA PHENOTYPE OF BLOOD DONOR: HLA-A32, S68; B60, B64; Cw8, Cw10; DR4, DR7; DQ2, DQ8

				Summary of Results												
				PBL				T-Cells				B-Cells				
Total tested	10	10	10	10	17	17	17	17	13	12	12	12				
Positive	0	0	0	0	0	0	0	1	0	0	0	0	1			
Negative	10	10	10	10	17	17	17	16	13	12	12	12	11			
NT	1	1	1	1	5	5	5	5	9	10	10	10	10			
% Positive	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.9%	0.0%	0.0%	0.0%	0.0%	8.3%			
% Negative	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	94.1%	100.0%	100.0%	100.0%	100.0%	91.7%			
Consensus	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Not Assessed	Not Assessed	Not Assessed	Not Assessed				
HLA Antibody Specificity (Defined By CDC)	DR3	Multi B7 B27	Cw2	B7	DR3	Multi B7 B27	Cw2	B7	B cells not assessed due to high percentage of labs reporting NT							
				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
112	YES			Negative Negative Negative Negative												No results returned
119	YES															
120		YES	YES					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
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														
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	NT	Low cell count, Presence of aggregates
195		YES	YES					Negative	Negative	Negative	Negative	NT	NT	NT	NT	Not enough B cells in the sample
197		YES	YES					NT	NT	NT	NT	NT	NT	NT	NT	Samples not tested due to poor cell viability
209		YES	YES					NT	NT	NT	NT	NT	NT	NT	NT	Low cell count
216		YES	YES					Negative	Negative	Negative	Positive	Negative	Negative	Negative	Positive	
229	YES			Negative	Negative	Negative	Negative									
235	YES			Negative	Negative	Negative	Negative									
238	YES	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
245	YES	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Low cell count, sample "coagulated"
252	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	NT	NT	Negative	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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	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	-	-	-	-											
120					1	1	1	1	1	1	1	1	-	100	100
133					4	4	4	4	NT	NT	NT	NT	75	75	50
139	1	1	1	1	1	1	1	1	1	1	1	1	70	70	70
143					1	1	1	1					-	79	-
147	1	1	1	1	1	1	1	1	1	1	1	1	99	99	99
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	-	96	70
189	1	1	1	1									90	-	-
190					NT	NT	NT	NT	NT	NT	NT	NT			
193					-	-	-	-	NT	NT	NT	NT	-	99	-
194					1	1	1	1	1	1	1	NT	-	90	80
195					1	1	1	1	NT	NT	NT	NT	-	80	-
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	4	1	1	1	4	-	85	75
229	-	-	-	-									90	-	-
235	1	1	1	1									85	-	-
238	1	1	1	1	1	1	1	1	1	1	1	1	95	95	50
239													70	70	70
245	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	100	100	100
252	1	1	1	1					1	1	1	1	60	-	60
260					-	-	-	-	-	-	-	-	-	90	90
262	1	1	1	1	1	1	1	1	1	NT	NT	1	-	70	60
292					NT	NT	NT	NT	NT	NT	NT	NT	20	20	10
293					0	0	0	0	0	0	0	0	-	80	80
294					0	0	0	0	0	0	0	0	-	100	90