

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A08/2015 OS PC

DISPATCHED ON 14TH JULY 2015

HLA PHENOTYPE OF BLOOD DONOR: HLA-A24, A33; B58, B60; Cw7, Cw10; DR9, DR17; DQ2, DQ9

			Summary of Results									
			PBL/T-Cells				B-Cells					
Total tested			31	30	31	31	20	19	20	20		
Positive			0	0	1	4	1	0	5	18		
Negative			31	30	30	27	19	19	15	2		
NT/Equivocal			3	4	3	3	5	6	5	5		
% Positive			0.0%	0.0%	3.2%	12.9%	5.0%	0.0%	25.0%	90.0%		
% Negative			100.0%	100.0%	96.8%	87.1%	95.0%	100.0%	75.0%	10.0%		
Consensus			Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
HLA Antibody Specificity (Defined By CDC)			Cw5, DR3	DQ3	A10, B16	A1, B8, DR3	Cw5, DR3	DQ3	A10, B16	A1, B8, DR3		
Lab No.	PBL/T Cell Assessment	B Cell Assessment	Without DTT				Without DTT				Comments	
			Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4		
112	YES	NO	Negative	Negative	Negative	Negative						
116	YES	YES	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive		
119	YES	NO	Negative	Negative	Negative	Positive						
120	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
126	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
128	YES	NO	Negative	Negative	Negative	Negative						
139	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
143	YES	NO	NT	NT	NT	NT						Samples received 21/07/2015. Could not be tested due to viability: >20% death cells.
147	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
154	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
157	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
159	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive		
174	YES	NO	Negative	NT	Negative	Negative						Serum 2 lysed
181	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
189	YES	YES	Negative	Negative	Negative	Positive						
190	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive		
193	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
194	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
195	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT		Samples not received until 22/07/2015
197	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT		Cell viability too low.
209	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
216	YES	NO	Negative	Negative	Negative	Negative						
223	YES	YES	Negative	Negative	Negative	Negative	NT	NT	NT	NT		B cells not tested due to low viability.
229	YES	NO	Negative	Negative	Negative	Negative						
232	YES	NO	Negative	Negative	Negative	Positive						
238	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
245	YES	YES	Negative	Negative	Negative	Negative	Equivocal	Equivocal	Equivocal	Equivocal		Low B cell viability even in the absence of serum, all B cell results are equivocal.
252	YES	YES	Negative	Negative	Positive	Negative	Negative	Negative	Positive	Negative		
259	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
260	YES	YES	Negative	Negative	Negative	Negative	NT	NT	NT	NT		B cell cross-match not tested because all the B cells were dead.
262	YES	YES	Negative	Negative	Negative	Positive	Negative	Equivocal	Negative	Positive		Low cell count = 6 million
293	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
294	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive		
297	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive		

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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	-1	-1	-1	2					90		
116	1	1	1	1	2	1	2	8		97	85
119	1	1	1	4					95		
120	1	1	1	1	1	1	1	8		100	100
126	0%	0%	0%	0%	0%	0%	0%	70%		100	100
128	1	1	1	1					90		
139	1	1	1	1	1	1	1	8	90	90	90
143	NT	NT	NT	NT						80	
147	1	1	1	1	1	1	1	8		100	100
154	1	1	1	1	1	1	1	6		95	90
157	1	1	1	1	1	1	1	6	100	100	100
159	1	1	1	1	1	1	4	8		95	95
174									90		
181	1	1	1	2	1	1	1	8	90		90
189	1	1	1	8					90		
190	5%	5%	5%	5%	30%	30%	50%	70%		95	70
193	1	1	1	1	1	1	1	4		99	96
194	1	1	1	1	1	1	1	6		95	80
195	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
197	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
209	-	-	-	-	-	-	-	6	95		95
216	1	1	2	1					80		
223	1	1	1	1	NT	NT	NT	NT		100	60
229									90		
232	-	-	-	4					85		
238	1	1	1	1	1	1	1	8	95	95	95
245	1	1	1	1	6	6	6	6	20	100	100
252	1	1	4-6	1	1	1	4-6	1		50	30
259									80	70	80
260	-	-	-	-	NT	NT	NT	NT		80	0
262	-	-	-	6	-	-	-	8	100	100	100
293	-	-	-	-	-	-	-	8		80	70
294	0	0	0	0	2	2	2	8		95	80
297	1	1	1	1	1	1	4	8	80	80	80

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			Summary of Results								
			PBL/T-Cells				B-Cells				
Total tested	24	23	24	24	16	15	16	16			
Positive	0	0	1	3	0	0	2	15			
Negative	24	23	23	21	16	15	14	1			
NT/Equivocal	3	4	3	3	6	7	6	6			
% Positive	0.0%	0.0%	4.2%	12.5%	0.0%	0.0%	12.5%	93.8%			
% Negative	100.0%	100.0%	95.8%	87.5%	100.0%	100.0%	87.5%	6.3%			
Consensus	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive			
HLA Antibody Specificity (Defined By CDC)	Cw5, DR3	DQ3	A10, B16	A1, B8, DR3	Cw5, DR3	DQ3	A10, B16	A1, B8, DR3			
			With DTT				With DTT				
Lab No.	PBL/T Cell Assessment	B Cell Assessment	Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4	Comments
112	YES	NO	Negative	Negative	Negative	Negative					
116	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive	
119	YES	NO	Negative	Negative	Negative	Positive					
120	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	
139	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	
147	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	
154	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Not done with DTT, insufficient amount of cells.
157	NO	YES					Negative	Negative	Negative	Positive	
159	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	
174	YES	NO	Negative	NT	Negative	Negative					Serum 2 lysed
181	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	
189	YES	YES	Negative	Negative	Negative	Negative					
190	YES	YES	Negative	Negative	Negative	Negative	NT	NT	NT	NT	
193	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	
194	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	
195	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Samples not received until 22/07/2015
197	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Cell viability too low.
209	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	
216	YES	NO	Negative	Negative	Negative	Negative					
229	YES	NO	Negative	Negative	Negative	Negative					
238	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	
245	YES	YES	Negative	Negative	Negative	Negative	Equivocal	Equivocal	Equivocal	Equivocal	Low B cell viability even in the absence of serum, all B cell results are equivocal.
252	YES	YES	Negative	Negative	Positive	Negative	Negative	Negative	Positive	Negative	
260	YES	YES	Negative	Negative	Negative	Negative	NT	NT	NT	NT	
262	YES	YES	Negative	Negative	Negative	Positive	Negative	Equivocal	Negative	Positive	
293	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	
294	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	
297	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive	

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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	-1	-1	-1	2					90		
116	1	1	1	1	1	1	2	8		97	85
119	1	1	1	2					95		
120	1	1	1	1	1	1	1	8		100	100
139	1	1	1	1	1	1	1	8	90	90	90
147	1	1	1	1	1	1	1	8		100	100
154	NT	NT	NT	NT	NT	NT	NT	NT		95	90
157					1	1	1	8	100	100	100
159	1	1	1	1	1	1	1	8		95	95
174									90		
181	1	1	1	2	1	1	1	8	90		90
189	1	1	1	8					90		
190	5%	5%	5%	5%						95	70
193	1	1	1	1	1	1	1	4		99	96
194	1	1	1	1	1	1	1	6		95	80
195	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
197	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
209	-	-	-	-	-	-	-	6	95		95
216	1	1	2	1					80		
229									90		
238	1	1	1	1	1	1	1	8	95	95	95
245	1	1	1	1	6	6	6	6	20	100	100
252	1	1	4-6	1	1	1	4-6	1		50	30
260	-	-	-	-	NT	NT	NT	NT		80	0
262	-	-	-	4	-	-	-	8	100	100	100
293	-	-	-	-	-	-	-	8		80	70
294	0	0	0	0	2	2	2	8		95	80
297	1	1	1	1	1	1	1	8	80	80	80