

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A05/2016 OS PC

DISPATCHED ON 07TH JUNE 2016

HLA PHENOTYPE OF BLOOD DONOR: HLA-A3, A29; B7, B8; Cw7, -; DR15, DR17; DQ2, DQ6

			Summary of Results								
			PBL/T-Cells				B-Cells				
Total tested			27	26	27	26	21	21	21	21	
Positive			2	3	1	3	15	21	0	19	
Negative			25	23	26	23	6	0	21	2	
NT/Equivocal			8	9	8	9	5	5	5	5	
% Positive			7.4%	11.5%	3.7%	11.5%	71.4%	100.0%	0.0%	90.5%	
% Negative			92.6%	88.5%	96.3%	88.5%	28.6%	0.0%	100.0%	9.5%	
Consensus			Negative	Negative	Negative	Negative	Not Assessed	Positive	Negative	Positive	
HLA Antibody Specificity (Defined By CDC)			B40, B13,B47	B12, DQ1	DR7	A2, A28, A9	B40, B13,B47	B12, DQ1	DR7	A2, A28, A9	
			Without DTT				Without 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	NT	NT	NT	NT					
119	YES	NO	Negative	Positive	Negative	Positive					Poor cell viability
120	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Positive	
128	YES	NO	Negative	Negative	Negative	Positive					
139	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
143	YES	NO	Negative	Negative	Negative	Negative					
147	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
154	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Positive	
157	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
159	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
169	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	
181	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Positive	
189	YES	NO	Positive	Negative	Positive	Positive					
190	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
193	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
194	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
195	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
197	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Poor cell viability
209	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
216	YES	NO	NT	NT	NT	NT					Poor cell viability
223	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Low viability
229	YES	NO	NT	NT	NT	NT					
232	YES	NO	Negative	Positive	Negative	Negative					
235	YES	NO	Negative	Negative	Negative	Negative					
238	YES	YES	Positive	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
245	YES	YES	Negative	Equivocal	Negative	Equivocal	Positive	Positive	Negative	Positive	
252	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Low viability
259	YES	YES	Negative	Positive	Negative	Negative	Negative	Positive	Negative	Negative	
260	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Poor cell viability
262	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
292	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	
293	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Positive	
294	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
297	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
321	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	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	NT	NT	NT	NT					20		
119	1	6	1	4					70		
120	1	1	1	1	1	8	1	8		80	80
128	1	1	1	4					50		
139	1	1	1	1	8	8	1	8	90	90	85
143	2	1	1	1						90	
147	1	1	1	1	6	8	1	8	65	90	90
154	1	1	1	1	1	4	1	2	95		
157	1	1	1	1	8	8	1	8	80	80	80
159	1	1	1	1	6	8	1	8		90	80
169	NT	NT	NT	NT	NT	NT	NT	NT		<50	<50
181	1	1	1	1	2	8	1	4		97	90
189	4	1	4	4					95		
190	1%	1%	1%	1%	40%	100%	2%	60%		98	98
193	1	1	1	1	4	8	1	8	80	80	80
194	1	1	1	1	4	8	1	8	90		
195	2	2	2	2	6	8	2	8	80		70
197	NT	NT	NT	NT	NT	NT	NT	NT	50	60	60
209					6-8	8		8		80	95
216	NT	NT	NT	NT					5		
223	NT	NT	NT	NT	NT	NT	NT	NT		5	5
229	NT	NT	NT	NT					20		
232		4+							70		
235	2	2	2	2					85		
238	4	1	1	1	8	8	1	8	90	90	50
245	1	2	1	4	6	8	1	8	100	100	100
252	NT	NT	NT	NT	NT	NT	NT	NT	30		30
259									40	25	30
260	NT	NT	NT	NT	NT	NT	NT	NT		30	10
262					8	8		6	75		
292						8				25	10
293						8		8		30	20
294	0	0	0	0	8	8	0	8		95	95
297	1	1	1	1	6	8	1	8	70	70	50
321	1	1	1	1	6	8	1	8		98	97

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Lab No.	Summary of Results															
	PBL				PBL Without DTT				T-Cells				T-Cells Without DTT			
	Without DTT				Serum 1	Serum 2	Serum 3	Serum 4	Without DTT				Serum 1	Serum 2	Serum 3	Serum 4
	Serum 1	Serum 2	Serum 3	Serum 4	reaction strength	reaction strength	reaction strength	reaction strength	Serum 1	Serum 2	Serum 3	Serum 4	reaction strength	reaction strength	reaction strength	reaction strength
120									Negative	Negative	Negative	Negative	1	1	1	1
143	NT	NT	NT	NT	NT	NT	NT	NT	Negative	Negative	Negative	Negative	2	1	1	1
147	NT	NT	NT	NT	NT	NT	NT	NT	Negative	Negative	Negative	Negative	1	1	1	1
154	NT	NT	NT	NT	NT	NT	NT	NT	Negative	Negative	Negative	Negative	1	1	1	1
181	NT	NT	NT	NT	NT	NT	NT	NT	Negative	Negative	Negative	Negative	1	1	1	1
189	Positive	Negative	Positive	Positive	4	1	4	4								
193	Negative	Negative	Negative	Negative	1	1	1	1	Negative	Negative	Negative	Negative	1	1	1	1
232	Negative	Positive	Negative	Negative		4			NT	NT	NT	NT	NT	NT	NT	NT
245	Negative	Positive	Negative	Positive	1	2	1	4	Negative	Negative	Negative	Negative	1	1	1	1
262	Negative	Negative	Negative	Negative					Negative	Negative	Negative	Negative				
292									Negative	Negative	Negative	Negative				

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HLA PHENOTYPE OF BLOOD DONOR: HLA-A3, A29; B7, B8; Cw7, -; DR15, DR17; DQ2, DQ6

			Summary of Results								
			PBL/T-Cells				B-Cells				
Total tested	22	21	22	21	18	19	19	19			
Positive	1	1	0	2	10	19	0	18			
Negative	21	20	22	19	8	0	19	1			
NT/Equivocal	7	8	7	8	5	4	4	4			
% Positive	4.5%	4.8%	0.0%	9.5%	55.6%	100.0%	0.0%	94.7%			
% Negative	95.5%	95.2%	100.0%	90.5%	44.4%	0.0%	100.0%	5.3%			
Consensus	Negative	Negative	Negative	Negative	Not Assessed	Positive	Negative	Positive			
HLA Antibody Specificity (Defined By CDC)	B40, B13,B47	B12, DQ1	DR7	A2, A28, A9	B40, B13,B47	B12, DQ1	DR7	A2, A28, A9			
Lab No.	PBL/T Cell Assessment	B Cell Assessment	With DTT				With DTT				Comments
			Serum 1	Serum 2	Serum 3	Serum 4	Serum 1	Serum 2	Serum 3	Serum 4	
112	YES	NO	NT	NT	NT	NT					Poor cell viability
119	YES	NO	Negative	Positive	Negative	Positive					
120	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Positive	
139	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
143	YES	NO	Negative	Negative	Negative	Negative					
147	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
157	NO	YES					Weak Positive	Positive	Negative	Positive	
159	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
169	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	
181	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Positive	
189	YES	NO	Negative	Negative	Negative	Positive					
190	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Positive	
193	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
194	YES	YES	Negative	Negative	Negative	Negative	Equivocal	Positive	Negative	Positive	
195	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Positive	
197	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Poor cell viability
209	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Positive	
216	YES	NO	NT	NT	NT	NT					Poor cell viability
229	YES	NO	NT	NT	NT	NT					
235	YES	NO	Negative	Negative	Negative	Negative					
238	YES	YES	Positive	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
245	YES	YES	Negative	Equivocal	Negative	Equivocal	Negative	Positive	Negative	Positive	
252	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Low cell viability
260	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Poor cell viability
262	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
292	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	
293	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Positive	
294	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
297	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Positive	
321	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	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	NT	NT	NT	NT					20		
119	1	4	1	2					70		
120	1	1	1	1	1	8	1	8		80	80
139	1	1	1	1	6	8	1	8	90	90	85
143	1	1	1	1						90	
147	1	1	1	1	6	8	1	8	65	90	90
157					4	8	1	8	80	80	80
159	1	1	1	1	4	8	1	8		90	80
169	NT	NT	NT	NT	NT	NT	NT	NT		<50	<50
181	1	1	1	1	1	8	1	6		97	90
189	2	1	2	4					95		
190	2%	2%	2%	2%	10%	100%	10%	60%		98	98
193	1	1	1	1	4	8	1	8	80	80	80
194	1	1	1	1	2	8	1	8	90		
195	2	2	2	2	2	8	2	8	80		70
197	NT	NT	NT	NT	NT	NT	NT	NT	50	60	60
209						8		8		80	95
216	NT	NT	NT	NT					5		
229	NT	NT	NT	NT					20		
235	1	2	2	2					85		
238	4	1	1	1	8	8	1	8	90	90	50
245	1	2	1	4	1	8	1	8	100	100	100
252	NT	NT	NT	NT	NT	NT	NT	NT	30		30
260	NT	NT	NT	NT	NT	NT	NT	NT		30	10
262					6	6		6	75		
292						8				25	10
293						8		8		30	20
294	0	0	0	0	4	8	0	8		95	95
297	1	1	1	1	6	8	1	8	70	70	50
321	1	1	1	1	6	8	1	8		98	97

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Lab No.	Summary of Results															
	PBL				PBL With DTT				T-Cells				T-Cells With DTT			
	With DTT				Serum 1	Serum 2	Serum 3	Serum 4	With DTT				Serum 1	Serum 2	Serum 3	Serum 4
	Serum 1	Serum 2	Serum 3	Serum 4	reaction strength	reaction strength	reaction strength	reaction strength	Serum 1	Serum 2	Serum 3	Serum 4	reaction strength	reaction strength	reaction strength	reaction strength
120									Negative	Negative	Negative	Negative	1	1	1	1
143	NT	NT	NT	NT	NT	NT	NT	NT	Negative	Negative	Negative	Negative	1	1	1	1
147	NT	NT	NT	NT	NT	NT	NT	NT	Negative	Negative	Negative	Negative	1	1	1	1
154	NT	NT	NT	NT	NT	NT	NT	NT	Negative	Negative	Negative	Negative	1	1	1	1
181	NT	NT	NT	NT	NT	NT	NT	NT	Negative	Negative	Negative	Negative	1	1	1	1
189	Negative	Negative	Negative	Positive	2	1	2	4								
193	Negative	Negative	Negative	Negative	1	1	1	1	Negative	Negative	Negative	Negative	1	1	1	1
232	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
245	Negative	Positive	Negative	Positive	1	2	1	4	Negative	Negative	Negative	Negative	1	1	1	1
262	Negative	Negative	Negative	Negative					Negative	Negative	Negative	Negative				
292									Negative	Negative	Negative	Negative				