

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A09/2015 OS PC

DISPATCHED ON 22ND SEPTEMBER 2015

HLA PHENOTYPE OF BLOOD DONOR: HLA-A1, A2; B8, B-; Cw7, Cw-; DR17, DR-; DQ2, DQ-

			Summary of Results								
			PBL/T-Cells				B-Cells				
Total tested	24	23	24	24	19	16	19	19			
Positive	1	4	23	2	0	13	19	1			
Negative	23	19	1	22	19	3	0	18			
NT/Equivocal	10	11	10	10	6	9	6	6			
% Positive	4.2%	17.4%	95.8%	8.3%	0.0%	81.3%	100.0%	5.3%			
% Negative	95.8%	82.6%	4.2%	91.7%	100.0%	18.8%	0.0%	94.7%			
Consensus	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative			
HLA Antibody Specificity (Defined By CDC)	B44, Cw5, DR4	DR3	B8,B44,DR5,DR8,DR13	B14+	B44, Cw5, DR4	DR3	B8,B44,DR5,DR8,DR13	B14+			
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	Positive	Negative					
116	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
119	YES	NO	Negative	Positive	Positive	Negative					
120	YES	YES	Negative	Negative	Positive	Negative	Negative	Negative	Positive	Negative	
126	YES	YES	Negative	Negative	Negative	Positive	Negative	Negative	Positive	Positive	
128	YES	NO	Negative	Negative	Positive	Negative					
139	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
143	YES	NO	NT	NT	NT	NT					
147	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Poor viability
154	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
157	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
159	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
174	YES	NO	NT	NT	NT	NT					Poor viability
181	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
189	YES	NO	Positive	Positive	Positive	Positive					
190	YES	YES	Negative	Negative	Positive	Negative	Negative	Negative	Positive	Negative	
193	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
194	YES	YES	Negative	Negative	Positive	Negative	Negative	Weak Positive	Positive	Negative	
195	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	No results returned
197			NT	NT	NT	NT	NT	NT	NT	NT	No results returned
209	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
216	YES	NO	NT	NT	NT	NT					Poor viability
223	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
229	YES	YES	Negative	Negative	Positive	Negative					
232	YES	NO	NT	NT	NT	NT					Poor viability
238	YES	YES	Negative	Negative	Positive	Negative	Negative	Equivocal	Positive	Negative	
245	YES	YES	Negative	Equivocal	Positive	Negative	Negative	Equivocal	Positive	Negative	
252	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Poor viability
259	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Poor viability
260	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Poor viability
262	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
293	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	No results returned
294	YES	YES	Negative	Negative	Positive	Negative	Negative	Equivocal	Positive	Negative	
297	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	

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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	8	-1					95		
116	1	2	8	1	1	8	8	1		99	80
119	1	4	8	1					90		
120	1	1	8	1	1	1	8	1		100	100
126	0	0	0	8	0	0	8	8		>90	>90
128	1	1	8	1					95		
139	1	1	8	1	1	8	8	1	90	90	90
143	NT	NT	NT	NT						50	
147	1	1	8	1	1	8	8	1		95	95
154	1	1	8	1	1	6	8	1		80	80
157	1	1	8	1	1	4	8	1	100	100	80
159	1	1	8	1	1	6	8	1		95	80
174	NT	NT	NT	NT					20		
181	1	2	8	1	2	8	8	2	98		85
189	6	6	6	6					85		
190	5%	5%	100%	5%	5%	5%	95%	5%		95	95
193	1	2	8	1	1	4	8	1		99	99
194	1	1	8	1	1	4	8	1		100	100
195											
197											
209			8			4	8		100		95
216	NT	NT	NT	NT					<10	<10	<10
223	2	4	8	2	2	8	8	2		85	85
229			80%						50		
232	NT	NT	NT	NT					0		
238	1	1	8	1	1	0	8	1	85	85	70
245	1	4	8	1	1	4	8	1	100	100	100
252	NT	NT	NT	NT	NT	NT	NT	NT	<10	<10	<10
259	NT	NT	NT	NT	NT	NT	NT	NT	5		
260	NT	NT	NT	NT	NT	NT	NT	NT	<10	<10	<10
262			8			8	8		80		
293											
294	0	2	8	0	0	4	8	0		90	80
297	1	1	8	1	1	8	8	1	100	100	100

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PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITH DTT OF SAMPLE 2A09/2015 OS PC

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HLA PHENOTYPE OF BLOOD DONOR: HLA-A1, A2; B8, B-; Cw7, Cw-; DR17, DR-; DQ2, DQ-

			Summary of Results								
			PBL/T-Cells				B-Cells				
Total tested	19	18	19	19	16	13	16	16			
Positive	1	2	18	1	0	11	16	0			
Negative	18	16	1	18	16	2	0	16			
NT/Equivocal	8	9	8	8	6	9	6	6			
% Positive	5.3%	11.1%	94.7%	5.3%	0.0%	84.6%	100.0%	0.0%			
% Negative	94.7%	88.9%	5.3%	94.7%	100.0%	15.4%	0.0%	100.0%			
Consensus	<b>Negative</b>	<b>Negative</b>	<b>Positive</b>	<b>Negative</b>	<b>Negative</b>	<b>Positive</b>	<b>Positive</b>	<b>Negative</b>			
HLA Antibody Specificity (Defined By CDC)	B44, Cw5, DR4	DR3	B8,B44,DR5,DR8,DR13	B14+	B44, Cw5, DR4	DR3	B8,B44,DR5,DR8,DR13	B14+			
			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	Positive	Negative					
116	YES	YES	Negative	<b>Positive</b>	Positive	Negative	Negative	Positive	Positive	Negative	
119	YES	NO	Negative	Negative	Positive	Negative					
120	YES	YES	Negative	Negative	Positive	Negative	Negative	<b>Negative</b>	Positive	Negative	
139	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
147	YES	YES	Negative	Negative	Positive	Negative	Negative	<b>Equivocal</b>	Positive	Negative	
154	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Poor viability
157	NO	YES					Negative	Positive	Positive	Negative	
159	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
174	YES	NO	NT	NT	NT	NT					Poor viability
181	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
189	YES	YES	<b>Positive</b>	<b>Positive</b>	Positive	<b>Positive</b>					
190	YES	YES	Negative	Negative	Positive	Negative	Negative	<b>Negative</b>	Positive	Negative	
193	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
194	YES	YES	Negative	Negative	Positive	Negative	Negative	Weak Positive	Positive	Negative	
195	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	No results returned
197	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	No results returned
209	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
216	YES	NO	NT	NT	NT	NT					Poor viability
229	YES	NO	Negative	Negative	<b>Negative</b>	Negative					
238	YES	YES	Negative	Negative	Positive	Negative	Negative	<b>Equivocal</b>	Positive	Negative	
245	YES	YES	Negative	<b>Equivocal</b>	Positive	Negative	Negative	<b>Equivocal</b>	Positive	Negative	
252	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Poor viability
260	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Poor viability
262	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
293	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	No results returned
294	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	
297	YES	YES	Negative	Negative	Positive	Negative	Negative	Positive	Positive	Negative	

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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	8	-1						95	
116	1	2	8	1	2	8	8	2		99	80
119	1	1	8	1					90		
120	1	1	8	1	1	1	8	1		100	100
139	1	1	8	1	1	8	8	1	90	90	90
147	1	1	8	1	1	2	8	1		95	95
154	NT	NT	NT	NT	NT	NT	NT	NT		80	80
157					1	8	8	1	100	100	80
159	1	1	8	1	1	8	8	1		95	80
174	NT	NT	NT	NT					20		
181	1	2	8	1	2	8	8	2	98		85
189	6	6	6	6					85		
190	5%	5%	100%	5%	5%	5%	95%	5%		95	95
193	1	2	8	1	1	6	8	1		99	99
194	1	1	8	1	1	4	8	1		100	100
195											
197											
209			8			4	8		100		95
216	NT	NT	NT	NT					<10	<10	<10
229									50		
238	1	1	8	1	1	0	8	1	85	85	70
245	1	4	8	1	1	4	8	1	100	100	100
252	NT	NT	NT	NT	NT	NT	NT	NT	<10	<10	<10
260	NT	NT	NT	NT	NT	NT	NT	NT	<10	<10	<10
262			8			6	8		80		
293											
294	0	2	8	0	2	6	8	2		90	80
297	1	1	8	1	1	8	8	1	100	100	100