

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A10/2015 OS PC

DESPATCHED ON 22ND SEPTEMBER 2015

HLA PHENOTYPE OF BLOOD DONOR: HLA-A2, A-; B60, B62; Cw9, Cw10; DR4, DR-; DQ8, DQ-

			Summary of Results									
			PBL/T-Cells				B-Cells					
Total tested			25	25	25	25	19	18	19	19		
Positive			1	1	0	1	10	5	0	0		
Negative			24	24	25	24	9	13	19	19		
NT/Equivocal			9	9	9	9	6	7	6	6		
% Positive			4.0%	4.0%	0.0%	4.0%	52.6%	27.8%	0.0%	0.0%		
% Negative			96.0%	96.0%	100.0%	96.0%	47.4%	72.2%	100.0%	100.0%		
<b>Consensus</b>			<b>Negative</b>	<b>Negative</b>	<b>Negative</b>	<b>Negative</b>	<b>Not Assessed</b>	<b>Not Assessed</b>	<b>Negative</b>	<b>Negative</b>		
HLA Antibody Specificity (Defined By CDC)			B14+	B44, Cw5, DR4	DR3	B8,B44,DR5,DR8,DR13	B14+	B44, Cw5, DR4	DR3	B8,B44,DR5,DR8,DR13		
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	<b>Positive</b>	Negative	Negative	Negative						
116	YES	YES	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative		
119	YES	NO	Negative	Negative	Negative	Negative						
120	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
126	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Negative		
128	YES	NO	Negative	Negative	Negative	Negative						
139	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
143	YES	NO	Negative	Negative	Negative	Negative						
147	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Negative		
154	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
157	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Negative		
159	YES	YES	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative		
174	YES	NO	NT	NT	NT	NT						Uninterpretable - high background
181	YES	YES	Negative	Negative	Negative	Negative	Positive	NT	Negative	Negative		Poor viability
189	YES	NO	Negative	<b>Positive</b>	Negative	<b>Positive</b>						
190	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
193	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
194	YES	YES	Negative	Negative	Negative	Negative	Weak Positive	Negative	Negative	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	Negative	Negative	Negative	Positive	Negative	Negative		
216	YES	NO	NT	NT	NT	NT						Poor viability
223	YES	YES	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative		Few B-cells
229	YES	YES	Negative	Negative	Negative	Negative						
232	YES	NO	NT	NT	NT	NT						Poor viability
238	YES	YES	Negative	Negative	Negative	Negative	Positive	Negative	Negative	Negative		
245	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	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	Negative	Negative	Positive	Weak Positive	Negative	Negative		
293	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT		No results returned
294	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
297	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	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	4	-1	-1	-1					90		
116	1	1	1	1	6	1	1	1		95	90
119	1	1	1	1					85		
120	1	1	1	1	1	1	1	1		100	100
126	0	0	0	0	4	4	0	0		>90	>90
128	1	1	1	1					95		
139	1	1	1	1	1	1	1	1	90	90	90
143	2	2	2	2						85	
147	1	1	1	1	6	6	1	1		95	80
154	1	1	1	1	1	1	1	1		80	80
157	1	1	1	1	8	8	1	1	100	100	90
159	1	1	1	1	4	1	1	1		95	80
174	NT	NT	NT	NT					92		
181	1	1	1	1	6		1	1	95		95
189	1	6	1	6					88		
190	1%	1%	1%	1%	1%	1%	1%	1%		99	99
193	1	1	1	1	2	1	1	1		98	99
194	1	1	1	1	4	1	1	1		100	80
195											
197											
209						2			100		95
216	NT	NT	NT	NT					<10	<10	<10
223	1	1	1	1	4	2	1	1		100	90
229									50		
232	NT	NT	NT	NT					10		
238	1	1	1	1	6	1	1	1	90	90	85
245	1	1	1	1	1	1	1	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	4			80		
293											
294	0	0	0	0	2	2	2	2		90	80
297	1	1	1	1	2	1	1	1	100	100	100

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PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITH DTT OF SAMPLE 2A10/2015 OS PC

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HLA PHENOTYPE OF BLOOD DONOR: HLA-A2, A-; B60, B62; Cw9, Cw10; DR4, DR-; DQ8, DQ-

			Summary of Results									
			PBL/T-Cells				B-Cells					
Total tested	19	19	19	19	15	15	16	16				
Positive	0	1	0	1	0	3	0	0				
Negative	19	18	19	18	15	12	16	16				
NT/Equivocal	8	8	8	8	7	7	6	6				
% Positive	0.0%	5.3%	0.0%	5.3%	0.0%	20.0%	0.0%	0.0%				
% Negative	100.0%	94.7%	100.0%	94.7%	100.0%	80.0%	100.0%	100.0%				
Consensus	<b>Negative</b>	<b>Negative</b>	<b>Negative</b>	<b>Negative</b>	<b>Negative</b>	<b>Negative</b>	<b>Negative</b>	<b>Negative</b>				
HLA Antibody Specificity (Defined By CDC)	B14+	B44, Cw5, DR4	DR3	B8,B44,DR5,DR8,DR13	B14+	B44, Cw5, DR4	DR3	B8,B44,DR5,DR8,DR13				
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	Negative	Negative	Negative	Negative						
116	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
119	YES	NO	Negative	Negative	Negative	Negative						
120	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
139	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
147	YES	YES	Negative	Negative	Negative	Negative	Negative	<b>Positive</b>	Negative	Negative		
154	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	Poor viability	
157	NO	YES					Negative	<b>Positive</b>	Negative	Negative		
159	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
174	YES	NO	NT	NT	NT	NT					Uninterpretable - high background	
181	YES	YES	Negative	Negative	Negative	Negative	NT	NT	Negative	Negative	Poor viability	
189	YES	YES	Negative	<b>Positive</b>	Negative	<b>Positive</b>						
190	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
193	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
194	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	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	Negative	Negative	Negative	Negative	Negative	Negative		
216	YES	NO	NT	NT	NT	NT					Poor viability	
229	YES	NO	Negative	Negative	Negative	Negative						
238	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
245	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	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	Negative	Negative	Negative	<b>Weak Positive</b>	Negative	Negative		
293	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	No results returned	
294	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
297	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	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	2	-1	-1	-1					90		
116	1	1	1	1	2	2	2	1		95	90
119	1	1	1	1					85		
120	1	1	1	1	1	1	1	1		100	100
139	1	1	1	1	1	1	1	1	90	90	90
147	1	1	1	1	1	6	1	1		95	80
154	NT	NT	NT	NT	NT	NT	NT	NT		80	80
157					1	8	1	1	100	100	90
159	1	1	1	1	1	1	1	1		95	80
174	NT	NT	NT	NT					92		
181	1	1	1	1	NT	NT	1	1	95		95
189	1	6	1	6					88		
190	1%	1%	1%	1%	1%	1%	1%	1%		99	99
193	1	1	1	1	1	1	1	1		98	99
194	1	1	1	1	1	1	1	1		100	80
195											
197											
209									100		95
216	NT	NT	NT	NT					<10	<10	<10
229									50		
238	1	1	1	1	1	1	1	1	90	90	85
245	1	1	1	1	1	1	1	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						4			80		
293											
294	0	0	0	0	2	2	2	2		90	80
297	1	1	1	1	1	1	1	1	100	100	100