

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A01/2016 OS WB

DISPATCHED ON 02ND FEBRUARY 2016

HLA PHENOTYPE OF BLOOD DONOR: HLA-A1, -; B8, B62; Cw7, Cw9; DR15, DR17; DQ2, DQ6

			Summary of Results								
			PBL/T-Cells				B-Cells				
Total tested			21	21	21	21	17	17	17	17	
Positive			0	21	21	1	3	17	17	5	
Negative			21	0	0	20	14	0	0	12	
NT/Equivocal			0	0	0	0	0	0	0	0	
% Positive			0.0%	100.0%	100.0%	4.8%	17.6%	100.0%	100.0%	29.4%	
% Negative			100.0%	0.0%	0.0%	95.2%	82.4%	0.0%	0.0%	70.6%	
Consensus			Negative	Positive	Positive	Negative	Negative	Positive	Positive	Not Assessed	
HLA Antibody Specificity			Cw4, Cw6	B8,B44,DR5,DR8 DR13	DR17+	B14+	Cw4, Cw6	B8,B44,DR5,DR8 DR13	DR17+	B14+	
(Defined By CDC)											
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	
101	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
114	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
116	YES	YES	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Positive	
117	YES	NO	Negative	Positive	Positive	Negative					
133	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
136	YES	NO	Negative	Positive	Positive	Positive					
145	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
149	YES	NO	Negative	Positive	Positive	Negative					
162	YES	YES	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Positive	
163	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
186	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Positive	
204	YES	YES	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Positive	
206	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
212	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
227	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
235	YES	NO	Negative	Positive	Positive	Negative					
243	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
268	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
284	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Positive	
311	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
315	YES	YES	Negative	Positive	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
101	1	8	8	1	1	8	8	1		100	100
114	1	8	8	1	1	8	8	1			
116	1	8	8	1	1-4	8	8	2-4		95	90
117	1	8	8	1					70-80		
133	0	++++	++++	0	0	++++	++++	0		80	70
136	1	8	8	6						95	
145		8	6-8			8	6-8			100	100
149		4-6	2-4						85		
162		8	8		6/8	8	8	4/6		100	100
163	1	8	8	1	1	8	8	1		90	90
186	0	8	8	0	0	8	8	4		90	90
204	1	6	8	1	4	8	8	4		90	95
206	1	8	8	1	1	8	8	2		100	100
212									99	97	
227		8	8			8	8		90		
235	4	8	8	4					60		
243	1	8	8	1	1	8	8	1	90	90	90
268	1	8	8	1	1	8	8	1		90	80
284	1	8	8	1	2	8	8	4		99	95
311	1	8	8	1	1	8	8	1		95	95
315	1	4	8	1	1	4	8	1		90	90

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			Summary of Results								
			PBL/T-Cells				B-Cells				
Total tested			17	17	17	17	15	15	15	15	
Positive			0	15	15	0	0	14	14	0	
Negative			17	2	2	17	15	1	1	15	
NT/Equivocal			0	0	0	0	0	0	0	0	
% Positive			0.0%	88.2%	88.2%	0.0%	0.0%	93.3%	93.3%	0.0%	
% Negative			100.0%	11.8%	11.8%	100.0%	100.0%	6.7%	6.7%	100.0%	
Consensus			Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
HLA Antibody Specificity			Cw4, Cw6	B8,B44,DR5,DR8 DR13	DR17+	B14+	Cw4, Cw6	B8,B44,DR5,DR8 DR13	DR17+	B14+	
(Defined By CDC)			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
101	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
114	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
116	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
133	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
149	YES	NO	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Negative	
162	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
163	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
186	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
204	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
206	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
212	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	
227	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
235	YES	NO	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
268	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
284	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
311	YES	YES	Negative	Positive	Positive	Negative	Negative	Positive	Positive	Negative	
315	YES	YES	Negative	Positive	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
101	1	6	8	1	1	6	8	1		100	100
114	1	8	8	1	1	8	8	1			
116	1	8	6-8	1	1-2	8	8	1-2		95	90
133	0	++++	++++	0	0	++++	++++	0		80	70
149									85		
162		8	8			8	8			100	100
163	1	8	8	1	1	8	8	1		90	90
186	0	8	4	0	0	8	8	0		90	90
204	1	8	8	1	1	8	8	1		90	95
206	1	8	8	1	1	8	8	1		100	100
212									99	97	
227		8	8			8	8		90		
235	4	8	8	4					60		
268	1	8	8	1	1	8	8	1		90	80
284	1	8	8	1	1	8	8	1		99	95
311	1	8	8	1	1	8	8	1		95	95
315	1	4	8	1	1	4	8	1		90	90