

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A06/2015 OS WB

DESPATCHED ON 19TH MAY 2015

HLA PHENOTYPE OF BLOOD DONOR: HLA-A1, A68; B8, B27; Cw2, Cw7; DR12, DR17; DQ2, DQ7

			Summary of Results										
			PBL/T-Cells				B-Cells						
Total tested			21	21	20	21	17	17	16	17			
Positive			1	2	2	0	0	17	11	1			
Negative			20	19	18	21	17	0	5	16			
NT/Equivocal			1	1	2	1	1	1	2	1			
% Positive			4.8%	9.5%	10.0%	0.0%	0.0%	100.0%	68.8%	5.9%			
% Negative			95.2%	90.5%	90.0%	100.0%	100.0%	0.0%	31.3%	94.1%			
Consensus			Negative	Negative	Negative	Negative	Negative	Positive	Not Assessed	Negative			
HLA Antibody Specificity (Defined By CDC)			A3	A1, DR3	B17	A24	A3	A1, DR3	B17	A24			
Lab No.	PBL/T Cell Assessment	B Cell Assessment	Serum 1	Without DTT			Serum 4	Serum 1	Without DTT			Serum 4	
				Serum 2	Serum 3			Serum 2	Serum 3				
101	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative		Comments
114	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Negative		
117	YES	NO	Negative	Positive	Equivocal	Negative	Negative						
136	YES	NO	Negative	Negative	Positive	Negative	Negative						
145	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative		
149	YES	NO	Negative	Negative	Negative	Negative	Negative						
162	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Negative		
163	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Negative		
169	YES	YES	Negative	Positive	Positive	Negative	Negative	Negative	Positive	Positive	Negative		
186	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Negative		
204	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Negative		
206	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Negative		
210	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative		
212	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	NT		
227	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative		
235	YES	NO	Positive	Negative	Negative	Negative	Negative						
243	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	NT	Negative		
268	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Negative		
284	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Negative		
301	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Negative		
311	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Positive		
315	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	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
101	1	1	1	1	1	8	1	1		100	100
114	1	1	1	1	1	8	4	1			
117	1	2		1					76		
136	1	1	4	1						95	
145	-	-	-	-	-	8	-	-		100	100
149	-	-	-	-					85		
162	1	1	1	1	1	8	8	1		100	100
163	1	1	2	1	1	8	8	1		98	98
169	1	4	6	1	1	8	6	1		97	99
186	0	0	0	0	0	8	2	0		95	80
204	1	2	1	1	2	8	6	2		95	90
206	1	1	1	1	1	8	8	1		100	100
210	0	0	0	0	0	+++	0	0		90	70
212	NT	NT	NT	NT	NT	NT	NT	NT			
227	1	1	1	1	1	8	1	1	90		
235	8	1	1	1					80		
243	1	1	1	1	1	8		1	90	90	90
268	1	1	1	1	1	8	4	1		90	90
284	1	1	2	1	1	8	6	1		99	90
301	1	1	1	1	1	8	6	1		95	85
311	1	1	1	1	1	8	1	1	90		
315	1	1	1	1	1	8	1	1		80	80

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			Summary of Results							
			PBL/T-Cells				B-Cells			
Total tested			17	17	17	17	15	15	15	15
Positive			1	1	0	0	0	15	2	0
Negative			16	16	17	17	15	0	13	15
NT/Equivocal			1	1	1	1	1	1	1	1
% Positive			5.9%	5.9%	0.0%	0.0%	0.0%	100.0%	13.3%	0.0%
% Negative			94.1%	94.1%	100.0%	100.0%	100.0%	0.0%	86.7%	100.0%
Consensus			Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
HLA Antibody Specificity (Defined By CDC)			A3	A1, DR3	B17	A24	A3	A1, DR3	B17	A24
			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
101	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
114	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
149	YES	NO	Negative	Negative	Negative	Negative				
162	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
163	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
169	YES	YES	Negative	Positive	Negative	Negative	Negative	Positive	Negative	Negative
186	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Negative
204	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
206	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
210	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
212	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT
227	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
235	YES	NO	Positive	Negative	Negative	Negative				
268	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
284	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
301	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Positive	Negative
311	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
315	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative

No results returned

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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	1	1	1	1	8	1	1		100	100
114	1	1	1	1	1	8	1	1			
149	-	-	-	-					85		
162	1	1	1	1	1	8	1	1		100	100
163	1	1	1	1	1	8	1	1		98	98
169	1	2	1	1	1	8	1	1		97	99
186	0	0	0	0	0	8	2	0		95	80
204	1	2	1	1	2	8	2	2		95	90
206	1	1	1	1	1	8	1	1		100	100
210	0	0	0	0	0	+++	0	0		90	70
212											
227	1	1	1	1	1	8	1	1	90		
235	6	1	1	1					80		
268	1	1	1	1	1	8	2	1		90	90
284	1	1	1	1	1	8	1	1		99	90
301	1	1	1	1	1	8	6	1		95	85
311	1	1	1	1	1	8	1	1	90		
315	1	1	1	1	1	8	1	1		80	80