

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A05/2015 OS WB

DESPATCHED ON 19TH MAY 2015

HLA PHENOTYPE OF BLOOD DONOR: HLA-A2, A11; B44, B27; Cw2, Cw5; DR4, DR9; DQ7, DQ9

			Summary of Results								
			PBL/T-Cells				B-Cells				
Total tested			21	20	21	20	17	16	17	17	
Positive			1	1	1	0	1	11	0	0	
Negative			20	19	20	20	16	5	17	17	
NT/Equivocal			1	2	1	2	1	2	1	1	
% Positive			4.8%	5.0%	4.8%	0.0%	5.9%	68.8%	0.0%	0.0%	
% Negative			95.2%	95.0%	95.2%	100.0%	94.1%	31.3%	100.0%	100.0%	
Consensus			Negative	Negative	Negative	Negative	Negative	Not Assessed	Negative	Negative	
HLA Antibody Specificity (Defined By CDC)			A24	B17	A1, DR3	A3	A24	B17	A1, DR3	A3	
			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	
101	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Comments
114	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	
117	YES	NO	Negative	Equivocal	Negative	Negative					
136	YES	NO	Negative	Negative	Negative	Negative					
145	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	The evaluation was difficult due to low number of cells
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	Serum 2 has IgM positive crossmatch with B lymphocytes
169	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	
186	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	High background on B cells
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	Negative	Negative	Negative	
212	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	No results returned
227	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	
235	YES	NO	Negative	Negative	Positive	NT					
243	YES	YES	Negative	Negative	Negative	Negative	Negative	NT	Negative	Negative	Serum 2 NT - low cell count (B-cell)
268	YES	YES	Positive	Positive	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	Negative	Negative	Negative	
311	YES	YES	Negative	Negative	Negative	Negative	Positive	Positive	Negative	Negative	IgM positivity on B cells (sera 1 and 2) would not represent a contra indication for transplantation, except if the patient had recently got a sensitizing event (decision would be taken with the clinician and would take into account results of auto crossmatch).
315	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative	

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A05/2015 OS WB

DESPATCHED ON 19TH MAY 2015

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	1	1	1		100	100
114	1	1	1	1	1	2	1	1			
117	1		1	1					80		
136	1	1	1	1						95	
145										100	100
149	-	-	-	-					85		
162	1	1	1	1	1	8	1	1		100	100
163	1	1	1	1	1	6	1	1		98	98
169	1	1	1	1	1	6	1	1		97	98
186	0	0	0	0	0	0	0	0		90	70
204	1	2	1	2	2	6	2	2		70	90
206	1	1	1	1	1	6	1	1		100	100
210	0	0	0	0	0	0	0	0		90	80
212											
227	1	1	1	1	1	6	1	1	90		
235	1	1	8						80		
243	1	1	1	1	1	-	1	1	90	90	90
268	2	4	1	1	1	4	1	1		90	90
284	1	2	1	1	1	6	1	1		99	85
301	1	1	1	1	1	1	1	1		95	40
311	1	1	1	1	2	8	1	1	100		
315	1	1	1	1	1	4	1	1		80	80

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITH DTT OF SAMPLE 2A05/2015 OS WB

DESPATCHED ON 19TH MAY 2015

HLA PHENOTYPE OF BLOOD DONOR: HLA-A2, A11; B44, B27; Cw2, Cw5; DR4, DR9; DQ7, DQ9

			Summary of Results							
			PBL/T-Cells				B-Cells			
Total tested			17	17	17	16	15	15	15	15
Positive			0	0	1	0	0	1	0	0
Negative			17	17	16	16	15	14	15	15
NT/Equivocal			1	1	1	2	1	1	1	1
% Positive			0.0%	0.0%	5.9%	0.0%	0.0%	6.7%	0.0%	0.0%
% Negative			100.0%	100.0%	94.1%	100.0%	100.0%	93.3%	100.0%	100.0%
Consensus			Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
HLA Antibody Specificity (Defined By CDC)			A24	B17	A1, DR3	A3	A24	B17	A1, DR3	A3
			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	Negative	Negative	Negative
114	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
149	YES	NO	Negative	Negative	Negative	Negative				
162	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
163	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
169	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
186	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
204	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
206	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
210	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
212	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT
227	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
235	YES	NO	Negative	Negative	Positive	NT				
268	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
284	YES	YES	Negative	Negative	Negative	Negative	Negative	Positive	Negative	Negative
301	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
311	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
315	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative

No results returned

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

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITH DTT OF SAMPLE 2A05/2015 OS WB

DESPATCHED ON 19TH MAY 2015

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	1	1	1		100	100
114	1	1	1	1	1	1	1	1			
149	-	-	-	-					85		
162	1	1	1	1	1	1	1	1		100	100
163	1	1	1	1	1	1	1	1		98	98
169	1	1	1	1	1	1	1	1		97	98
186	0	0	0	0	0	0	0	0		90	70
204	2	2	2	2	2	2	2	2		70	90
206	1	1	1	1	1	1	1	1		100	100
210	0	0	0	0	0	0	0	0		90	80
212											
227	1	1	1	1	1	1	1	1	90		
235	1	1	6						80		
268	1	1	1	1	1	1	1	1		90	90
284	1	2	1	1	1	6	1	1		99	85
301	1	1	1	1	1	1	1	1		95	40
311	1	1	1	1	1	1	1	1	100		
315	1	1	1	1	1	1	1	1		80	80