

UK NEQAS FOR H&I SCHEME 2A - CYTOTOXIC CROSSMATCHING

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A03/2015 OS WB

DESPATCHED ON 24TH MARCH 2015

HLA PHENOTYPE OF BLOOD DONOR: HLA-A1,A2; B8, B18; Cw5, Cw7; DR17, DR4; DQ2, DQ8

			Summary of Results							
			PBL/T-Cells				B-Cells			
Total tested	23	23	23	22	19	18	18	18		
Positive	0	5	1	19	0	4	6	17		
Negative	23	18	22	3	19	14	12	1		
NT/Equivocal	0	0	0	1	0	1	1	1		
% Positive	0.0%	21.7%	4.3%	86.4%	0.0%	22.2%	33.3%	94.4%		
% Negative	100.0%	78.3%	95.7%	13.6%	100.0%	77.8%	66.7%	5.6%		
Consensus	Negative	Negative	Negative	Positive	Negative	Negative	Not Assessed	Positive		
HLA Antibody Specificity (Defined By CDC)	DQ1	A9, DR15	DQ3	A2, B17	DQ1	A9, DR15	DQ3	A2, B17		
			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	Positive	Negative	Negative	Negative	Positive
114	YES	YES	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive
117	YES	NO	Negative	Positive	Negative	Positive				
126	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
136	YES	NO	Negative	Negative	Negative	Positive				
145	YES	YES	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive
149	YES	NO	Negative	Negative	Negative	Positive				
162	YES	YES	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive
163	YES	YES	Negative	Negative	Negative	Positive	Negative	Negative	Negative	Positive
169	YES	YES	Negative	Negative	Positive	Positive	Negative	Negative	Positive	Positive
186	YES	YES	Negative	Negative	Negative	Positive	Negative	Negative	Positive	Positive
204	YES	YES	Negative	Negative	Negative	Positive	Negative	Equivocal	Equivocal	Positive
206	YES	YES	Negative	Negative	Negative	Positive	Negative	Negative	Positive	Positive
210	YES	YES	Negative	Negative	Negative	Positive	Negative	Negative	Negative	Positive
212	YES	YES	Negative	Negative	Negative	Positive	Negative	Negative	Negative	Positive
227	YES	YES	Negative	Negative	Negative	NT	Negative	Negative	Negative	NT
235	YES	NO	Negative	Negative	Negative	Negative				
243	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive
268	YES	YES	Negative	Negative	Negative	Positive	Negative	Negative	Positive	Positive
284	YES	YES	Negative	Negative	Negative	Positive	Negative	Negative	Negative	Positive
301	YES	YES	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive
311	YES	YES	Negative	Negative	Negative	Positive	Negative	Negative	Negative	Positive
315	YES	YES	Negative	Negative	Negative	Positive	Negative	Negative	Negative	Positive

Serum 4 - poor cell count

UK NEQAS FOR H&I SCHEME 2A - CYTOTOXIC CROSSMATCHING

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITHOUT DTT OF SAMPLE 2A03/2015 OS WB

DESPATCHED ON 24TH MARCH 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	8	1	1	1	8		100	100
114	1	6	1	8	2	4	6	8			
117	1%	2%	1%	8%					80		
126											
136	1	1	1	8						90	
145		4-6		8		6-8		8		100	100
149				4-6					85		
162		4		8		6	6	8		100	100
163	1	1	1	6	1	1	1	8		98	98
169	1	1	6	8	1	1	6	8		97	99
186	0	0	0	8	0	0	4	8		95	95
204										20	20
206	1	1	1	8	1	1	4	8		100	90
210	0	0	0	+++	0	0	0	+++		90	80
212									98	95	95
227										85	85
235	2	2	2	2					80		
243	2	2	2	2	2	2	2	6	80	80	80
268	1	1	1	8	1	1	6	8		90	80
284	1	1	1	8	1	1	2	8		98	90
301	1	2	1	8	1	2	1	8	90	95	85
311	1	1	1	6	1	1	1	8	100		
315	1	1	1	8	1	1	1	8		80	80

UK NEQAS FOR H&I SCHEME 2A - CYTOTOXIC CROSSMATCHING

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITH DTT OF SAMPLE 2A03/2015 OS WB

DESPATCHED ON 24TH MARCH 2015

HLA PHENOTYPE OF BLOOD DONOR: HLA-A1,A2; B8, B18; Cw5, Cw7; DR17, DR4; DQ2, DQ8

			Summary of Results							
			PBL/T-Cells				B-Cells			
Total tested			18	18	18	17	16	15	15	15
Positive			0	3	1	2	0	2	5	5
Negative			18	15	17	15	16	13	10	10
NT/Equivocal			0	0	0	1	0	1	1	1
% Positive			0.0%	16.7%	5.6%	11.8%	0.0%	13.3%	33.3%	33.3%
% Negative			100.0%	83.3%	94.4%	88.2%	100.0%	86.7%	66.7%	66.7%
Consensus			Negative	Negative	Negative	Negative	Negative	Negative	Not Assessed	Not Assessed
HLA Antibody Specificity (Defined By CDC)			DQ1	A9, DR15	DQ3	A2, B17	DQ1	A9, DR15	DQ3	A2, B17
Lab No.	PBL/T Cell Assessment	B Cell Assessment	With DTT				With DTT			
			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	Positive	Negative	Negative	Negative	Positive	Positive	Positive
149	YES	NO	Negative	Negative	Negative	Positive				
162	YES	YES	Negative	Positive	Negative	Negative	Negative	Positive	Positive	Negative
163	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
169	YES	YES	Negative	Negative	Positive	Positive	Negative	Negative	Positive	Positive
186	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Positive
204	YES	YES	Negative	Negative	Negative	Negative	Negative	Equivocal	Equivocal	Positive
206	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
210	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Positive
212	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
227	YES	YES	Negative	Negative	Negative	NT	Negative	Negative	Negative	NT
235	YES	NO	Negative	Negative	Negative	Negative				
268	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Positive	Negative
284	YES	YES	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
301	YES	YES	Negative	Positive	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

Serum 4 - poor cell count

UK NEQAS FOR H&I SCHEME 2A - CYTOTOXIC CROSSMATCHING

PBL/T-CELL AND B-CELL CROSSMATCHING RESULTS WITH DTT OF SAMPLE 2A03/2015 OS WB

DESPATCHED ON 24TH MARCH 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	8	1	1	2	4	6	4			
149				4-6					85		
162		4				4	4			100	100
163	1	1	1	1	1	1	1	1		98	98
169	1	1	6	8	1	1	6	6		97	99
186	0	0	0	0	0	0	4	4		95	95
204										20	20
206	1	1	1	1	1	1	1	1		100	90
210	0	0	0	0	0	0	0	+++		90	80
212									98	95	95
227										85	85
235	2	2	2	2					80		
268	1	1	1	1	1	1	6	1		90	80
284	1	1	1	1	1	1	1	1		98	90
301	1	8	1	1	1	1	1	1	90	95	85
311	1	1	1	1	1	1	1	1	100		
315	1	1	1	1	1	1	1	1		80	80