

UK NEQAS FOR H&I SCHEME 2B - CROSSMATCHING BY FLOW CYTOMETRY

T-CELL FLOW CYTOMETRY RESULTS OF SAMPLE 2B01/2014 (COMPARED TO LOCAL NEGATIVE CONTROL)

DESPATCHED ON 14TH JANUARY 2014

HLA PHENOTYPE OF BLOOD DONOR: A1, A2; B8, B44; Cw5, Cw7; DR4, DR17, DQ2, DQ7

Summary of Results

Total tested	45	45	43	44
Positive	43	1	8	22
Negative	2	44	35	22
Not Tested	3	3	3	3
% Positive	95.6%	2.2%	18.6%	50.0%
% Negative	4.4%	97.8%	81.4%	50.0%

Consensus	Positive	Negative	Negative	Not Assessed
HLA Antibody (Defined By CDC)	B12	B12	B5	A3, A11+

Lab No.	Serum 1	Serum 2	Serum 3	Serum 4	Date Received	Date Tested	Comments
112	NT	NT	NT	NT	16-Jan	17-Jan	Low cell quantity, not enough to perform crossmatch.
114	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
115	Positive	Negative	Positive	Positive	17-Jan	20-Jan	
116	Positive	Negative	Positive	Positive	15-Jan	16-Jan	
117	Positive	Negative	Negative	Negative	16-Jan	16-Jan	
118	Positive	Negative	Positive	Positive	15-Jan	15-Jan	
119	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
120	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
122	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
126	Positive	Negative	Negative	Positive	15-Jan	16-Jan	
130	Positive	Negative	Positive	Positive	15-Jan	16-Jan	
136	Positive	Negative	Negative	Weak Positive	15-Jan	16-Jan	
138	Positive	Negative	Negative	Positive			
142	Positive	Negative	Negative	Positive	15-Jan	16-Jan	
143	Positive	Negative	Negative	Negative	16-Jan	17-Jan	
144	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
145	Positive	Negative	Negative	Negative	14-Jan	16-Jan	
147	Positive	Negative	Negative	Positive	15-Jan	15-Jan	
154	Positive	Negative	Negative	Weak Positive	15-Jan	16-Jan	
157	Positive	Negative	Negative	Negative	16-Jan	16-Jan	
159	Positive	Negative	Negative	Positive	16-Jan	17-Jan	Weak cell concentration (4ml, 700 cells.mm ⁻³)
160	Positive	Negative	Positive	Positive	15-Jan	16-Jan	
163	Positive	Negative	Weak Positive	Weak Positive	15-Jan	15-Jan	Low cell count
164	Positive	Negative	Negative	Negative	16-Jan	17-Jan	
167	Positive	Weak Positive	Positive	Positive	15-Jan	16/17-Jan	
169	Positive	Negative	Negative	Negative	16-Jan	16-Jan	
176	Positive	Negative	Negative	Positive	16-Jan	17-Jan	
186	Positive	Negative	Negative	Negative	15-Jan	15-Jan	
190	Positive	Negative	Negative	Positive	15-Jan	16-Jan	
191	Negative	Negative	Negative	Negative	15-Jan	16-Jan	
193	Positive	Negative	Equivocal	Positive	15-Jan	15-Jan	
194	Positive	Negative	Negative	Equivocal	15-Jan	15-Jan	
195	Positive	Negative	Negative	Positive	17-Jan	17-Jan	
201	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
202	Positive	Negative	Negative	Positive	15-Jan	15-Jan	
204	Positive	Negative	Negative	Negative	15-Jan	15-Jan	
209	NT	NT	NT	NT	15-Jan	17-Jan	Not enough cells to perform the duplicates
218	Positive	Negative	Positive	Positive	15-Jan		The cells of 2B01 and 2B02 were extremely degenerate.
220	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
235	Positive	Negative	Negative	Negative	15-Jan	15-Jan	
238	Positive	Negative	Negative	Negative	15-Jan	16-Jan	Positive in T cells, but not in B cells: anti HLA?
245	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
246	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
252	Positive	Negative	Negative	Negative	17-Jan	17-Jan	
262	Positive	Negative	Equivocal	Negative	15-Jan	15-Jan	
271	Positive	Negative	Negative	Positive	16-Jan	16-Jan	
283	Negative	Negative	Negative	Positive	15-Jan	15-Jan	
292	NT	NT	NT	NT	17-Jan		Flow Cytometry technique under evaluation

PLEASE NOTE: THE NEXT DISTRIBUTIONS IS ON 11TH MARCH 2014

UK NEQAS FOR H&I SCHEME 2B - CROSSMATCHING BY FLOW CYTOMETRY

B-CELL FLOW CYTOMETRY RESULTS OF SAMPLE 2B01/2014 (COMPARED TO LOCAL NEGATIVE CONTROL)

DESPATCHED ON 14TH JANUARY 2014

HLA PHENOTYPE OF BLOOD DONOR: A1, A2; B8, B44; Cw5, Cw7; DR4, DR17, DQ2, DQ7

Summary of Results

Total tested	42	40	38	40
Positive	37	4	22	15
Negative	5	36	16	25
Not Tested	3	3	3	3
% Positive	88.1%	10.0%	57.9%	37.5%
% Negative	11.9%	90.0%	42.1%	62.5%

Consensus	Positive	Negative	Not Assessed	Not Assessed
HLA Antibody (Defined By CDC)	B12	B12	B5	A3, A11+

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112	NT	NT	NT	NT	16-Jan	17-Jan	Low cell quantity, not enough to perform crossmatch.
114	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
115	Positive	Negative	Positive	Positive	17-Jan	20-Jan	
116	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
117	Positive	Equivocal	Weak Positive	Equivocal	16-Jan	16-Jan	Low number of events.
118	Positive	Negative	Negative	Positive	15-Jan	15-Jan	
119	Positive	Positive	Weak Positive	Negative	15-Jan	16-Jan	Very few number of B-cells
120	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
122	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
126	Positive	Negative	Positive	Positive	15-Jan	16-Jan	
130	Positive	Negative	Positive	Positive	15-Jan	16-Jan	
142	Negative	Negative	Negative	Negative	15-Jan	16-Jan	
144	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
145	Positive	Negative	Negative	Negative	14-Jan	16-Jan	
147	Positive	Negative	Positive	Positive	15-Jan	15-Jan	
154	Positive	Negative	Positive	Weak Positive	15-Jan	16-Jan	
157	Positive	Negative	Positive	Negative	16-Jan	16-Jan	
159	Positive	Equivocal	Positive	Positive	16-Jan	17-Jan	Weak cell concentration (4ml, 700 cells.mm ⁻³)
160	Positive	Negative	Positive	Positive	15-Jan	16-Jan	
163	Positive	Negative	Weak Positive	Negative	15-Jan	15-Jan	Low cell count
164	Positive	Negative	Negative	Negative	16-Jan	17-Jan	
167	Positive	Negative	Positive	Negative	15-Jan	16/17-Jan	
169	Negative	Negative	Negative	Negative	16-Jan	16-Jan	
176	Positive	Negative	Positive	Negative	16-Jan	17-Jan	
186	Positive	Negative	Negative	Negative	15-Jan	15-Jan	
190	Positive	Positive	Positive	Positive	15-Jan	16-Jan	
191	Negative	Negative	Negative	Negative	15-Jan	16-Jan	
193	Positive	Negative	Equivocal	Equivocal	15-Jan	15-Jan	
194	Positive	Positive	Positive	Positive	15-Jan	15-Jan	
195	Positive	Negative	Positive	Positive	17-Jan	17-Jan	
201	Positive	Negative	Positive	Negative	15-Jan	16-Jan	
202	Positive	Negative	Negative	Positive	15-Jan	15-Jan	
204	Positive	Negative	Positive	Negative	15-Jan	15-Jan	
209	NT	NT	NT	NT	15-Jan	17-Jan	Not enough cells to perform the duplicates
218	Positive	Negative	Positive	Negative			
220	Positive	Negative	Negative	Negative	15-Jan	16-Jan	
235	Positive	Negative	Positive	Negative	15-Jan	15-Jan	
238	Negative	Negative	Equivocal	Negative	15-Jan	16-Jan	
245	Positive	Negative	Equivocal	Negative	15-Jan	16-Jan	
246	Positive	Weak Positive	Negative	Weak Positive	15-Jan	16-Jan	
252	Positive	Negative	Positive	Negative	17-Jan	17-Jan	
262	Positive	Negative	Equivocal	Negative	15-Jan	15-Jan	
271	Positive	Negative	Positive	Positive	16-Jan	16-Jan	
283	Negative	Negative	Negative	Positive	15-Jan	15-Jan	
292	NT	NT	NT	NT	17-Jan		Flow Cytometry technique under evaluation

