

UK NEQAS for H&I SCHEME 1B - HLA-B27 TESTING

HLA-B27 TYPING RESULTS OF SAMPLES 1B09&10/2014

DESPATCHED ON 9TH SEPTEMBER 2014

Donor HLA type 1B09/2014 HLA-A1, A3; B27, B44; Cw1, Cw5; DR1, DR17; DQ2, DQ5
Donor HLA type 1B10/2014 HLA-A11, A34; B64, B27; Cw1, Cw8; DR1, DR4, DQ5, DQ8

Summary of Results

Total tested	104	103
Positive	103	102
Negative	1	1
NT/Equivocal	3	4
% Positive	99.0%	99.0%
% Negative	1.0%	1.0%

Consensus	Positive	Positive							
Lab No	Result 1B09/2014	Result 1B10/2014	Date received	Date tested	Method	High Resolution Typing HLA-B*27 alleles		Comments	
						1B09/2014	1B10/2014		
1	Positive	Positive	10-Sep	20-Sep	Melting Curve Analysis				
3	Positive	Positive	10-Sep	11-Sep	Flow Cytometry				
4	Positive	Positive	10-Sep	26-Sep	PCR-SSP, Melting Curve Analysis				
7	Positive	Positive	10-Sep	11-Sep	Flow Cytometry				
8	Negative	Negative	10-Sep	08-Oct	Flow Cytometry				
9	Positive	Positive	11-Sep	Various	PCR-SSP, SSO				
10	Positive	Positive	11-Sep	12-Sep	Flow Cytometry				
11	Positive	Positive	11-Sep	19-Sep	PCR-SSO				
12	Positive	Positive	10-Sep	25-Sep	PCR-SSP				
14	Positive	Positive	10-Sep	12-Sep	PCR-SSP, Flow Cytometry				
15	Positive	Positive	10-Sep	10-Sep	PCR-SSP				
16	Positive	Positive	10-Sep	16-Sep	PCR-SSP				
17	Positive	Positive	16-Sep	16-Sep	PCR-SSP, Flow Cytometry				
19	Positive	Positive	10-Sep	11-Sep	PCR-SSP				
20	Positive	Positive	10-Sep	11-Sep	Flow Cytometry				
21	Positive	Positive	09-Sep	11-Sep	Flow Cytometry				
22	Positive	Positive	11-Sep	17-Sep	PCR-SSP				
23	Positive	Positive	10-Sep	11-Sep	PCR-SSP				
24	Positive	Positive	10-Sep	17-Sep	PCR-SSP				
26	Positive	Positive	10-Sep	10-Sep	PCR-SSP				
27	Positive	Equivocal	10-Sep	11-Sep	Flow Cytometry				Sample 1B10/2014 would require repeat sample.
28	Positive	Positive	10-Sep	16-Sep	PCR-SSO				
29	Positive	Positive	10-Sep	24 - 26-Sep	PCR-SSP, SSO				
31	Positive	Positive	10-Sep	10-Sep	Flow Cytometry				
32	Positive	Positive	19-Sep	24-Sep	Flow Cytometry				
34	Positive	Positive	10-Sep	10-Sep	PCR-SSP				
35	Positive	Positive	11-Sep	15 - 22-Sep	PCR-SSP				
37	Positive	Positive	10-Sep	11-Sep	PCR-SSP				
39	Positive	Positive	10-Sep	11-Sep	PCR-SSP				
40	Positive	Positive	10-Sep	10-Sep	Flow Cytometry				
41	Positive	Positive	10-Sep	16-Sep	PCR-SSP				
42	Positive	Positive	10-Sep	11-Sep	PCR-SSO				
45	Positive	Positive	11-Sep	17-Sep	PCR-SSP	B*27:05/47/116/117	B*27:05/47/116/117		
46	Positive	Positive	11-Sep	17-Sep	Flow Cytometry				
48	Positive	Positive	12-Sep	15-Sep	PCR-SSP				
54	Positive	Positive	10-Sep	17-Sep	PCR-SSP				
55	Positive	Positive	02-Oct	02-Oct	PCR-SSP				
57	Positive	Positive	10-Sep	10-Sep	Flow Cytometry				
58	Positive	Positive	10-Sep	11-Sep	PCR-SSP				
62	Positive	Positive	10-Sep	10 - 18-Sep	PCR-SSO				
66	Positive	Positive	11-Sep	24-Sep	Real Time PCR				
67	Positive	Positive	10-Sep	11-Sep	Flow Cytometry				
68	Positive	Positive	10-Sep	16-Sep	Flow Cytometry				
78	Positive	Positive	10-Sep	18-Sep	PCR-SSP				
83	Positive	Positive	10-Sep	10-Sep	Flow Cytometry				
84	Positive	Positive	10-Sep	10-Sep	PCR-SSP, Flow Cytometry				
85	Positive	Positive	11-Sep	15-Sep	RT-PCR				
86	Positive	Positive	15-Sep	16-Sep	PCR-SSP				
90	Positive	Positive	10-Sep	16-Sep	Flow Cytometry				
93	Positive	Positive	10-Sep	11-Sep	Flow Cytometry				
96	Positive	Positive	09-Sep	11-Sep	PCR-SSP				
101	Positive	Positive	10-Sep	16-Sep	PCR-SSP				
103	Positive	Positive	10-Sep	12-Sep	Real Time PCR				
104	Positive	Positive	11-Sep	11-Sep	Flow Cytometry				
105	NT	NT							
106	Positive	Positive	11-Sep	14-Sep	Flow Cytometry				
107	Positive	Positive	11-Sep	16-Sep	Euroarray scan				
108	Positive	Positive	12-Sep	15-Sep	PCR-SSP				
110	Positive	Positive	10-Sep	11-Sep	PCR-SSP, Flow Cytometry				
111	Positive	Positive	11-Sep	12-Sep	Flow Cytometry				
112	Positive	Positive	12-Sep	01-Oct	PCR-SSP				
113	Positive	Positive	10-Sep	10-Sep	PCR-SSP				
115	Positive	Positive	11-Sep	16-Sep	PCR-SSP				
125	Positive	Positive	15-Sep	23-Sep	PCR-SSP				
126	Positive	Positive	16-Sep	23-Sep	Real Time PCR				
127	Positive	Positive	11-Sep	11-Sep	Cytotoxicity				
128	Positive	Positive	11-Sep	11-Sep	PCR-SSO, Flow Cytometry				
129	Positive	Positive	17-Sep	18-Sep	PCR-SSO				
130	Positive	Positive	11-Sep	11-Sep	Cytotoxicity, PCR-SSP				
137	Positive	Positive	17-Sep	17-Sep	Flow Cytometry				
142	Positive	Positive	10-Sep	11-Sep	Real Time PCR				
151	Positive	Positive	11-Sep	11-Sep	Flow Cytometry				
153	Positive	Positive	11-Sep	12-Sep	Flow Cytometry				
154	Positive	Positive	10-Sep	26-Sep	PCR-SSP				
156	Positive	Positive	12-Sep	12-Sep	Real Time PCR				
174	Positive	Positive	18-Sep	25-Sep	PCR-SSP				
176	Positive	Positive	11-Sep	11-Sep	Cytotoxicity				
185	Positive	Positive	10-Sep	11-Sep	PCR-SSP				
198	Positive	Positive	11-Sep	12-Sep	Flow Cytometry				
199	Positive	Positive	15-Sep	29-Sep	Real Time PCR				
209	Positive	Positive	11-Sep	17-Sep	PCR-SSP				
216	Positive	Positive			PCR-SSO				
219	Positive	Positive	12-Sep	15-Sep	Flow Cytometry				
223	Positive	Positive	12-Sep	23-Sep	PCR-SSP				
225	Positive	Positive	15-Sep	16-Sep	PCR-SSP				
232	Positive	Positive	15-Sep	23-Sep	PCR-SSP				
234	Positive	Positive	16-Sep	16-Sep	PCR-SSP				
247	NT	NT	NT	NT	NT				
253	Positive	Positive	11-Sep	22-Sep	Real Time PCR Melting Curve				
255	Positive	Positive	11-Sep	15-Sep	Real Time PCR				
256	Positive	Positive	10-Sep	11-Sep	Flow Cytometry				
257	Positive	Positive	10-Sep	11-Sep	PCR-SSP				
259	Positive	Positive	19-Sep	19-Sep	PCR-SSP				
270	Positive	Positive	10-Sep	11-Sep	PCR-SSP				
273	Positive	Positive	10-Sep	19-Sep	PCR-SSP				
276	Positive	Positive	10-Sep	16-Sep	PCR-SSP				
279	Positive	Positive	11-Sep	11-Sep	Cytotoxicity				
285	Positive	Positive	10-Sep	11-Sep	Cytotoxicity				
287	NT	NT	NT	NT	NT				
288	Positive	Positive	10-Sep	11-Sep	Flow Cytometry				
295	Positive	Positive	11-Sep	12-Sep	Flow Cytometry				
298	Positive	Positive	12-Sep	29-Sep	Real Time PCR				
300	Positive	Positive	12-Sep	13-Sep	PCR-SSP				
305	Positive	Positive	30-Sep	30-Sep	PCR-SSP				
306	Positive	Positive	10-Sep	11-Sep	PCR-SSP				
307	Positive	Positive	25-Sep	30-Sep	PCR-SSP				
310	Positive	Positive	10-Sep	11-Sep	Flow Cytometry				

PLEASE NOTE: THIS COMPLETES THE DISTRIBUTIONS FOR 2014

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Lab No	Monoclonal 1 Designation	Monoclonal 1 Specificity	Monoclonal 1 Manufacturer	Monoclonal 2 Designation	Monoclonal 2 Specificity	Monoclonal 2 Manufacturer	Monoclonal 3 Designation	Monoclonal 3 Specificity	Monoclonal 3 Manufacturer
3	HLA-B27 FITC	Clone GS145.2	BD	CD3 PE	Clone SK7	BD			
7	HLA-B27	FITC	BD	CD3	PE	BD			
8	IgG 2a	HLA-B27 ++ HLA-B7 +/-	Beckman Coulter						
10	HLA-B27 145.2	HLA-B27	BD	CD3 SK3	CD3	BD	FD705 9E1	HLA-B27	One Lambda
14	PE	CD3	BD	FITC	B27	BD			
17	B27 FITC	B27	One Lambda	CD3 PE	CD3	BD			
20	B27 FITC/CD3 PE	B27/Weak B7	BD	B27 FITC	B27	One Lambda			
21	FITC/PE	HLA-B27/B7	Beckman Coulter	FITC	HLA-B27	Beckman Coulter			
27	FITC	B27	Beckman Coulter	PE	B7	Beckman Coulter	FITC	B27	One Lambda
31	MSIgG1 RD/MSIgG2a FITC	Isotype control	Beckman Coulter	HLA-B27 FITC/B7 PE	B7/B27	Beckman Coulter			
32	PE/FITC	B7/B27	Beckman Coulter	PE/FITC	IgG/IgG2	Beckman Coulter			
40	B27 FITC	FITC	BD	B7 PE	PE	Beckman Coulter			
46	Anti HLA-B27	HLA-B27	Beckman Coulter	CD3	PE	BD			
57	IgG2a	HLA-B27	Beckman Coulter	IgG2b	HLA-B27	Beckman Coulter	IgG1K	CD3	Beckman Coulter
67	B27	FITC	Beckman Coulter	B7	PE	Beckman Coulter			
68	HLA-B27 FITC	FITC	Immunotech	HLA-B7 PE	PE	Immunotech	HLA-B27 FITC	PC5	One Lambda
83	HLA-B27	FITC	Beckman Coulter	HLA-B7	PE	Beckman Coulter	CD3		Beckman Coulter
84	B27 + B7	B27 FITC B7 PE	Beckman Coulter						
90	HLA-B27 FITC		Beckman Coulter	Isotype Control	IgG2a	Beckman Coulter	HLA-B27 FITC	One Lambda	Mossom BH Germany
	HLA-B7 PE				IgG1				
93	B7/B27	B7/B27	Beckman Coulter	B27	B27	One Lambda			
104	Anti HLA-B27	FITC/CD3 PE	BD						
106	HLA-B27	HLA-B27	One Lambda	HLA-B27	HLA-B7/B27	Immunotech			
110	Anti HLA-B27 FITC	FD705-9E1E10	One Lambda						
111	Anti HLA-B27	Clone GS145.2	BD	CD3 PE	Clone SK7	BD			
128	lotest HLA-B27 FITC	HLA-B27	Beckman Coulter	lotest HLA-B7 PE	HLA-B7	Beckman Coulter	CD45 PeCp-Cy5.5	Lymphocytes Gating	BD
137	HLA-ABC m3/B27	HLA-B27/B7	Immunotech	MPC-11	HLA-B27	One Lambda			
151	HLA-B27 FITC	ABC m3	Beckman Coulter	HLA-B7 PE	B7.1	Beckman Coulter	CD3/PC5	UCTH1	Beckman Coulter
153	HLA-B27 FITC	IgG2b FD705	One Lambda						
198	CD3/HLA B27	HLA-B27	BD	HLA-B27	HLA-B27	Beckman Coulter	HLA-B7	Crossreaction	Beckman Coulter
219	B27 F50X	Anti HLA-B27	One Lambda						
247	NT	NT	NT	NT	NT	NT	NT	NT	NT
256	Anti HLA-B27	HLA-B27	BD	CD3	T-Lymphocytes	BD			
288	Anti HLA-B27	FITC	BD/Beckman Coulter	Anti CD3	PE	BD	Anti HLA-B7	PE	Beckman Coulter
295	Anti HLA-B27 FITC	Clone GS145.2	BD	Anti CD3 PE	Clone SK7	BD			
310	HLA-B27 FITC	HLA-B27	Beckman Coulter	HLA-B7 PE	HLA-B7	Beckman Coulter			