

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

HLA-B27 TYPING RESULTS OF SAMPLES 1B03&04/2017

DESPATCHED ON 25/04/2017

Summary of Results

Total tested (excl. Equivocal)	122	118	Donor HLA type	1B03/2017	HLA-A1, A24; B7, B44; Cw7, Cw7; DR13, DR15, DQ6, DQ-
Positive	1	117	Donor HLA type	1B04/2017	HLA-A2, A-; B27, B62; Cw2, Cw10; DR1, DR12, DQ5, DQ7
Negative	121	1			
NT/Equivocal	4	8			
% Positive	0.8%	99.2%			
% Negative	99.2%	0.8%			

Consensus	Negative	Positive					
Lab No	Result 1B03/2017	Result 1B04/2017	Date received	Date tested	Method	High Resolution Typing HLA-B*27 alleles 1B03/2017	Comments
1	Negative	Positive	27-Apr	08-May	Molecular		
3	Negative	Positive	26-Apr	26-Apr	Serological		
4	Negative	Positive	26-Apr	08-May	Molecular		
7	Negative	Positive	27-Apr	27-Apr	Serological		
8	Negative	Equivocal	26-Apr	28-Apr	Serological		1B 04/2017 is equivocal as the result was 22.6. Indeterminant zone is 15 to 23
9	Negative	Positive	26-Apr	28-Apr	Molecular		
10	Negative	Positive	26-Apr	26-Apr	Serological		
11	Negative	Positive	26-Apr	03-May	Molecular		
12	Negative	Positive	26-Apr	03-May	Molecular		
14	Negative	Positive	11-May	15-May	Molecular		Report to replace previously submitted results
15	Negative	Positive	26-Apr	02-May	Molecular		
17	Negative	Positive	02-May	03-May	Molecular, Serological		
19	Negative	Positive	27-Apr	28-Apr	Molecular		
20	Negative	Positive	28-Apr	02-May	Serological		
21	Positive	Negative	26-Apr	27-Apr	Serological		
22	Negative	Positive	26-Apr	28-Apr	Molecular		
23	Negative	Positive	26-Apr	27-Apr	Molecular		
24	Negative	Positive	26-Apr	03-May	Molecular		
25	Negative	Positive	27-Apr	03-May	Molecular		
26	Negative	Positive	26-Apr	27-Apr	Molecular		
27	Negative	Equivocal	26-Apr	26-Apr	Serological		
28	Negative	Positive	26-Apr	02-May	Molecular	B*27:03/27:05	
29	Negative	Positive	26-Apr	26-Apr	Molecular		
31	Negative	Positive	27-Apr	02-May	Serological		
32	Negative	Positive	26-Apr	26-Apr	Serological		
34	Negative	Positive	26-Apr	26-Apr	Molecular		
35	Negative	Positive	26-Apr	26-Apr	Molecular		
37	Negative	Positive	28-Apr	04-May	Molecular		
39	Negative	Positive	26-Apr	27-Apr	Molecular		
40	Negative	Positive	26-Apr	27-Apr	Serological		
41	Negative	Positive	26-Apr	05-May	Molecular		
42	Negative	Positive	26-Apr	02-May	Molecular	B*27:03+	
45	Negative	Positive	27-Apr	02-May	Molecular		
46	Negative	Positive	26-Apr	28-Apr	Serological		1B04/2017 falls close to decision line and would be sent for confirmation
47	Negative	Positive	27-Apr	27-Apr	Serological		
48	Negative	Positive	27-Apr	02-May	Molecular		
54	Negative	Positive	26-Apr	04-May	Molecular		
55	Negative	Positive	23-Apr	08-May	Molecular		
57	Negative	Positive	26-Apr	27-Apr	Serological		
58	Negative	Positive	26-Apr	28-Apr	Molecular		
62	Negative	Positive	27-Apr	27-Apr	Molecular		
66	Negative	Positive	26-Apr	03-May	Molecular		
67	Negative	Positive	26-Apr	26-Apr	Serological		
68	Negative	Positive	26-Apr	26-Apr	Serological		
72	NT	NT	28-Apr	NT			This test is not up and running in yet as we are awaiting staffing.
76	Negative	Equivocal	26-Apr	27-Apr	Serological		The results from both analysers fall within the Equivocal range for the assay.
77	Negative	Positive	27-Apr	27-Apr	Serological		
78	Negative	Positive	26-Apr	27-Apr	Molecular		
83	Negative	Positive	26-Apr	27-Apr	Serological		
84	Negative	Positive	26-Apr	26-Apr	Molecular, Serological		
85	Negative	Positive	23-May	25-May	Molecular		
86	Negative	Positive	27-Apr	02-May	Molecular		
90	Negative	Equivocal	26-Apr	26-Apr	Serological		Result falls within indeterminate range and would be referred for confirmatory testing.
96	Negative	Positive	27-Apr	05-May	Molecular		
101	Negative	Positive	26-Apr	28-Apr	Molecular		
103	Negative	Positive	26-Apr	28-Apr	Serological		
104	Negative	Positive	27-Apr	27-Apr	Serological		
106	Negative	Positive	27-Apr	28-Apr	Molecular		
107	Negative	Positive	05-May	05-May	Molecular	Negative in exon 2 and 3	Positive in exon 2 and 3
108	Negative	Positive	27-Apr	02-May	Molecular		
109	Negative	Positive	26-Apr	05-May	Molecular		
110	Negative	Positive	26-Apr	26-Apr	Molecular, Serological		
111	Negative	Positive	27-Apr	27-Apr	Serological		
112	Negative	Positive	27-Apr	03-May	Molecular		
113	Negative	Positive	26-Apr	03-May	Molecular		
115	Negative	Positive	26-Apr	26-Apr	Molecular		
126	Negative	Positive	02-May	08-May	Molecular		
127	Negative	Positive	26-Apr	28-Apr	Molecular		
128	Negative	Positive	26-Apr	02-May	Molecular, Serological		
129	Negative	Positive	03-May	04-May	Molecular		
130	Negative	Positive	26-Apr	27-Apr	Molecular, Serological		
133	Negative	Positive	27-Apr	28-Apr	Serological		
137	Equivocal	Positive	26-Apr	26-Apr	Serological		Sample 1B03 was HLA-B27 positive and HLA-B7 positive. Hence, it is possible that HLA-B27 positivity of sample 1B03 is a result of cross reaction (ABCm3 clone). Sample 1B03 was B27 positive when it was tested with an antibody against an alternative epitope (MPC-11 clone).
142	Negative	Positive	04-Apr	03-May	Molecular		
153	Negative	Positive	26-Apr	28-Apr	Serological		
154	Negative	Positive	26-Apr	05-May	Molecular		
156	Negative	Positive	26-Apr	03-May	Molecular		
174	Negative	Positive	01-May	08-May	Molecular		
176	Negative	Positive	02-May	02-May	Serological		
185	Negative	Positive	26-Apr	27-Apr	Molecular		
198	Negative	Positive	27-Apr	27-Apr	Serological		Sample 1B03 showed B7 cross reaction
209	Negative	Positive	26-Apr	03-May	Molecular		
219	Negative	Positive	22-May	08-May	Molecular		
223	Negative	Positive	26-Apr	02-May	Molecular		
224	Negative	Positive	26-Apr	04-May	Molecular		
225	Negative	Positive	02-May	05-May	Molecular		
232	Negative	Positive	04-May	05-May	Molecular		
234	Negative	Positive	02-May	05-May	Molecular		
236	Negative	Positive	03-May	04-May	Serological		
245	Negative	Positive	26-Apr	02-May	Molecular		
252	Negative	Positive	29-Apr	03-May	Molecular		
255	Negative	Positive	26-Apr	05-May	Molecular		
256	Negative	Positive	28-Apr	28-Apr	Serological		
257	Negative	Positive	26-Apr	08-May	Molecular		
269	Negative	Positive	03-May	03-May	Molecular		
273	Negative	Positive	26-Apr	28-Apr	Molecular		
276	Negative	Positive	26-Apr	03-May	Molecular		
278	Negative	Positive	02-May	08-May	Molecular	Exon 2 & Exon 3	
279	Negative	Positive	26-Apr	28-Apr	Serological		
288	Negative	Positive	26-Apr	27-Apr	Serological		
292	Negative	Positive	27-Apr	27-Apr	Serological		
295	Negative	Positive	26-Apr	28-Apr	Serological		
300	NT	NT	NT	NT			Samples not received as of 19/05/2017
305	NT	NT	NT	NT			No results returned
306	Negative	Positive	26-Apr	27-Apr	Molecular		
307	Negative	Positive	26-Apr	02-May	Molecular		
310	Negative	Positive	26-Apr	26-Apr	Serological		
317	Negative	Positive	02-May	03-May	Molecular		
319	Negative	Positive	26-Apr	27-Apr	Molecular		
324	Negative	Positive	26-Apr	08-May	Serological		
325	Negative	Positive	26-Apr	08-May	Molecular		
326	Negative	Positive	27-Apr	27-Apr	Serological		
327	Negative	Positive	02-May	03-May	Molecular		
329	Negative	Positive	26-Apr	27-Apr	Serological		
334	Negative	Positive	27-Apr	27-Apr	Serological		
339	Negative	Positive	26-Apr	26-Apr	Molecular		
340	Negative	Positive	26-Apr	28-Apr	Molecular		
349	Negative	Positive	27-Apr	28-Apr	Serological		Positive diagnosis with our technique, must be confirmed by reference technique
353	Negative	Positive	26-Apr	02-May	Molecular		
357	Negative	Positive	27-Apr	27-Apr	Serological		
359	Negative	Positive	18-Apr	02-May	Molecular		
362	Negative	Positive	26-Apr	03-May	Molecular		
365	Negative	Equivocal	27-Apr	03-May	Serological		
368	Negative	Positive	26-Apr	28-Apr	Molecular		
370	Negative	Positive	26-Apr	28-Apr	Serological		
372	Negative	Positive	24-Apr	03-May	Serological		

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HLA-B27 TYPING RESULTS OF SAMPLES 1B03&04/2017

DESPATCHED ON 25/04/2017

Lab No	Source of pos/neg control cells used (if applicable)	Monoclonal 1			Monoclonal 2			Monoclonal 3		
		Designation	Specificity	Manufacturer	Designation	Specificity	Manufacturer	Designation	Specificity	Manufacturer
17	Control Cells: B7 Homozygous Cell, B27/B7 Positive cell, B27/B7 Negative cell	B27 FITC	B27	One Lambda	CD3 PE	CD3	BD	N/A		
20		B27-FITC, B27 and B7, Becton Dickinson			B27-FITC, B27, One Lambda					
21		HLA-B27-FITC One Lambda			HLA-B27-FITC / HLA-B7-PE Beckman Coulter					
27	Positive control: Crisp HLA-B27 positive control cells from Phoenix Flow Systems Negative control: ImmunoTrol cells from Beckman Coulter	Beckman Coulter Duraclone								
31	Negative control: ImmunoTrol cells from Beckman Coulter CRISP Cells	IgG2a-FITC, IgG1-PE, Isotype Control, Beckman Coulter			IOTest HLA-B27-FITC HLA-B7-PE, HLA-B27 and HLA-B7, Beckman Coulter HLA B27-FITC, One Lambda			DuraClone B27, HLA-B27, Beckman Coulter		
68	Positive Controls -Crisp HLA-B27 Supplier- Phoenix Flow Systems	HLA B27-FITC/HLA B7-PE, Beckman Coulter								
110	N/A	Anti HLA B27 FITC	FD705-9E1E10	One Lambda						
111		Anti HLA B27 FITC	Clone GS145.2	BD Biosciences	CD3 PE	Clone SK7	BD Biosciences			
128		IOTEST HLA-B27-FITC, HLA-B27, Beckman coulter			IOTEST HLA-B7-PE, HLA-B7, Beckman coulter			CD45 PerCP-Cy5.5, Lymphocytes Gating, Becton Dickinson		
133	In house	Anti CD27	CD27	BC	Anti CD7	CD7	BC	Anti CD3	T cells	BC
137		HLA-ABCm3/BB71	HLA-B27/B7	Immunotech	MPC-11	HLA-B27	One Lambda			
324		Anti HLA B27 FITC	Anti HLA B27 FITC	Beckman Coulter	HLA-B7-PE	HLA-B7-PE	Beckman Coulter			
365	Internal control in each Duraclone B27 tube (Bc) (beads)	HLA-B27 (clone FD 705)	PE	Beckman Coulter	HLA-B27 (clone HLA-ABC-m3)	PE	Beckman Coulter	CD3 (clone UCHT1)	PE-Dyomics 649	Beckman Coulter