

HLA-B27 TYPING RESULTS OF SAMPLES 1B03&04/2018  
DESPATCHED ON 15 MAY 2018

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

**Summary of Results**

Total tested (excl. Equivocal)	124	123	Donor HLA type	1B03/2018	HLA-A3, A30, B7, B13, Cw6, Cw7, DR7, DR9, DQ2, DQ9
Positive	0	123	Donor HLA type	1B04/2018	HLA-A2, -, B62, B27, Cw2, Cw10; DR1, DR12, DQ7, DQ5
Negative	124	0			
NT/Equivocal	2	3			
% Positive	0.0%	100.0%			
% Negative	100.0%	0.0%			
<b>Consensus</b>	Negative	Positive			

Lab No	Result	Result	Date received	Date tested	Method	Primers and Probes	PCR-SSP Detection system	High Resolution Typing HLA-B*27 alleles	Comments
	1B03/2018	1B04/2018						1B03/2018 / 1B04/2018	
1	Negative	Positive	16-May	18-May	Molecular				
3	Negative	Positive	16-May	16-May	Serological				
4	Negative	Positive	16-May	23-May	Molecular				
7	Negative	Positive	16-May	17-May	Serological				
8	Negative	Positive	17-May	17-May	Serological				
9	Negative	Positive	16-May	18-May	Molecular				
10	Negative	Positive	18-May	18-May	Serological				
11	Negative	Positive	15-May	23-May	Molecular	Own design	Gel	B*27- only defined to first field	
12	Negative	Positive	22-May	30-May	Molecular	Own design	Gel		
14	Negative	Positive	16-May	22-May	Molecular	Own design	Gel	B*27:03/05 allele group	
15	Negative	Positive	17-May	21-May	Molecular				
17	Negative	Positive	17-May	24-May	Molecular				
19	Negative	Positive	17-May	18-May	Molecular				
20	Negative	Positive	16-May	17-May	Serological	Commercial kits	Fluorescence		
21	Negative	Positive	21-May	21-May	Serological				
22	Negative	Positive	16-May	17-May	Molecular				
23	Negative	Positive	29-May	30-May	Molecular	Own design	Gel		
24	Negative	Positive	17-May	21-May	Molecular	Own design	Gel		
25	Negative	Positive	16-May	21-May	Molecular				
26	Negative	Positive	16-May	16-May	Molecular				
28	Negative	Positive	16-May	22-May	Molecular			B*27:03/05/05Q/13	
29	Negative	Positive	16-May	16-May	Molecular	Commercial kits	Gel, BAG reverse dot blot		
31	Negative	Positive	16-May	16-May	Serological				
32	Negative	Positive	21-May	24-May	Serological				
34	Negative	Positive	16-May	21-May	Molecular	Commercial kits	SSOP		
35	Negative	Positive	16-May	18-May	Molecular				
37	Negative	Positive	17-May	23-May	Molecular				
39	Negative	Positive	17-May	17-May	Molecular	Own design	Gel		
40	Negative	Positive	17-May	17-May	Serological				
41	Negative	Positive	16-May	23-May	Molecular	Own design	Gel		
42	Negative	Positive	17-May	22-May	Molecular				
								27:03/05/05Q/13/17/19/55/56/58/60/61/64N/67/70 72/74/80/82/84/87/89/93/94/95 99/104/110/111/117/118/121/123/124/128/131/13 5/140/141/143-146/150/152/155/159/162 B*27:05/47/90/116-162	
45	Negative	Positive	18-May	23-May	Molecular	Own design	Gel		
46	Negative	Positive	16-May	18-May	Serological				
47	Negative	Positive	18-May	18-May	Serological				
49	Negative	Positive	17-May	21-May	Molecular	Commercial kits	Gel		
54	Negative	Positive	17-May	18-May	Molecular	Own design	Gel		
55	Negative	Positive	16-May	22-May	Molecular				
57	Negative	Positive	17-May	18-May	Serological				
58	Negative	Positive	17-May	18-May	Serological				
62	Negative	Positive	16-May	16-May	Molecular	Commercial kits	Gel		
65	Negative	NT	24-May	28-May	Serological				Sample 1B 04/2018 result by flow cytometry fell within the manufacturer's recommended equivoal range. Our laboratory procedure is to send samples to an external laboratory for testing by PCR in these cases. Instructed by NEQAS to return these results as not tested rather than equivoal.
66	Negative	Positive	17-May	25-May	Molecular				
67	Negative	Positive	16-May	16-May	Serological				
72	Negative	Positive	18-May	24-May	Molecular				
76	Negative	Positive	16-May	16-May	Serological				
77	Negative	Positive	16-May	17-May	Serological				18B061392 18B061393
78	Negative	Positive	17-May	18-May	Molecular	Commercial kits	Fluorescence		
83	Negative	Positive	16-May	18-May	Serological				
84	Negative	Positive	16-May	18-May	Serological and Molecular				
85	Negative	Positive	17-May	20-May	Molecular				
86	Negative	Positive	16-May	17-May	Molecular				
90	Negative	Positive	21-May	22-May	Serological				
96	Negative	Positive	16-May	22-May	Molecular				
101	Negative	Positive	16-May	17-May	Molecular				
103	Negative	Positive	16-May	17-May	Serological				
104	Negative	Positive	16-May	18-May	Serological				
106	Negative	Positive	17-May	18-May					
107	Negative	Positive	22-May	25-May	Molecular				1B032018 was Negative in Exon 2 and Exon 3. 1B042018 was positive in Exon 2 and exon 3
108	Negative	Positive	19-May	24-May	Molecular	Commercial kits	Gel		
109	Negative	Positive	16-May	17-May	Serological				
110	Negative	Positive	18-May	18-May	Serological and Molecular				
111	Negative	Positive	16-May	18-May	Serological				
112	Negative	Positive	18-May	24-May	Molecular				
113	Negative	Positive	16-May	22-May	Molecular	Commercial kits	Gel		
115	Negative	Positive	16-May	18-May	Molecular	Commercial kits	Gel		
126	Negative	Positive	24-May	28-May	Molecular	Commercial kits	Fluorescence		
127	Negative	Positive	16-May	22-May	Molecular	Commercial kits	Lumindex		
128	Negative	Positive	17-May	05-Jun	Serological and Molecular	Commercial kits			
129	Negative	Positive	17-May	18-May	Molecular	Commercial kits	Gel		
130	Negative	Positive	18-May	17-May	Serological and Molecular				
133	Negative	Positive	18-May	22-May	Serological and Molecular				
137	Equivocal	Positive	18-May	22-May	Serological				Sample 1B03 was positive with HLA-B27 (clone: HLA-ABCm3) and HLA-B7 (clone:BB7.1) antibodies, however, it was negative with the second HLA-B27 (clone:FD705) antibody.
142	Negative	Positive	16-May	18-May	Molecular	Own design	Fluorescence		
150	Negative	Positive	16-May	16-May	Molecular				
153	Negative	Positive	16-May	18-May	Serological				
154	Negative	Positive	16-May	22-May	Molecular	Commercial kits	Gel		
156	Negative	Positive	16-May	23-May	Molecular	Own design	Fluorescence		
159	Negative	Positive	16-May	18-May	Molecular				
174	Negative	Positive	23-May	29-May	Molecular				
176	Negative	Positive	22-May	22-May	Serological				
185	Negative	Positive	16-May	16-May	Molecular	Commercial kits	Gel	*27:01-27:05:08, 27:05:10-27:05:15, 27:05:17-27:05:22, 27:05:24-27:05:32, 27:08, 27:10, 27:12-27:13, 27:15-27:17, 27:25, 27:28, 27:35-27:40, 27:42, 27:44-27:45, 27:47-27:69, 27:71-27:74, 27:79-27:80, 27:82-27:84, 27:86-27:90:03, 27:92-27:100, 27:103-27:105, 27:108-27:124, 27:126-27:128, 27:131-27:135, 27:137, 27:137, 27:139, 27:141-27:149, 27:151-27:152, 27:155-27:156	
198	Negative	Positive	17-May	18-May	Serological				
209	Negative	Positive	16-May	18-May	Molecular				
219	Negative	Positive	24-May	25-May					
223	Negative	Positive	18-May	23-May	Molecular	Commercial			
224	Negative	Positive	16-May	23-May	Molecular	Commercial	Coloured dots by substrate conversion on microchip		
225	Negative	Positive	24-May	29-May	Molecular	Commercial	Gel		
232	Negative	Positive	19-May	23-May	Molecular				
234	Negative	Positive	20-May	29-May	Molecular				
236	Negative	Positive	12-May	18-May	Serological				
245	Negative	Positive	16-May	23-May	Molecular				
252	Negative	Positive	17-May	17-May	Molecular	Commercial kits	Fluorescence		
255	Negative	Positive	16-May	24-May	Molecular				
256	Negative	Positive	16-May	16-May	Serological				
257	Negative	Positive	16-May	24-May	Molecular				
269	Negative	Positive	-	24-May	-				
273	Negative	Positive	16-May	25-May	Molecular				
276	Negative	Positive	18-May	23-May	Molecular	Commercial	Melting point		
278	Negative	Positive	24-May	28-May	Molecular				
279	Negative	Positive	16-May	21-May	Serological and Molecular				Sample 1B 03/2018 negative for exon 2 and exon 3 Sample 1B 04/2018 positive for exon 2 and exon 3 The serological method used for each sample is: CDC-ELH The molecular typing method used for each sample is: SSP-LR.
288	Negative	Positive	16-May	16-May	Serological				
292	Negative	Positive	17-May	17-May	Serological				
295	Negative	Positive	16-May	18-May	Serological				
300	NT	NT	NT	NT	NT				Samples not received.
305	Negative	Positive	16-May	25-May	Molecular				
306	Negative	Positive	16-May	17-May	Molecular				
307	Negative	Positive	17-May	21-May	Molecular				
315	Negative	Positive	16-May	18-May	Serological	Commercial	Fluorescence		
317	Negative	Positive	23-May	26-May	Molecular	Commercial	Tepestastation (Agilent)/Gel		
319	Negative	Positive	16-May	16-May	Molecular				
324	Negative	Positive	17-May	17-May	Serological				
327	Negative	Positive	16-May	17-May	Molecular	Commercial	Gel		
334	Negative	Positive	16-May	18-May	Serological				
339	Negative	Positive	16-May	17-May	Molecular				
340	Negative	Positive	17/05/2018	22-May	Molecular				Not participating in 1B03&04/18
348									
349	Negative	Equivocal	17/05/2018	17-May	Serological				Not participating in 1B03&04/18
353	Negative	Positive	17/05/2018	17-May	Molecular				
357	Negative	Positive	17/05/2018	17-May	Serological				
359	Negative	Positive	16/05/2018	24-May	Molecular				
362	Negative	Positive	16/05/2018	16-May	Molecular				
365	Negative	Positive	16/05/2018	16-May	Serological				
368	Negative	Positive	16/05/2018	28-May	Molecular				
372	Negative	Positive	17/05/2018	22-May	Serological				in house HLA-B27
373									
377	Negative	Positive	21/05/2018	21-May	Serological				Not participating in 1B03&04/18
378	Negative	Positive	21/05/2018	21-May	Serological				
401	Negative	Positive	30/05/2018	01-Jun	Molecular				