

UK NEQAS FOR H&I SCHEME 1B - HLA-B*27 TESTING

HLA-B*27 TYPING RESULTS OF SAMPLES 1B07&08/2018
DESPATCHED ON 16 OCTOBER 2018

Summary of Results

Total tested (incl. Equivocal)	128	129	Donor HLA type	1B07/2018	A2, A11; B27, B62; Cw2, Cw7; DR4, DR12; DQ7, DQ8
Positive	128	129	Donor HLA type	1B08/2018	A2, A24; B27, B44; Cw2, Cw5; DR4, DR12; DQ7, DQ8
Negative	0	0			
NT/Equivocal	4	3			
% Positive	100.0%	100.0%			
% Negative	0.0%	0.0%			
Consensus	Positive	Positive			

Lab No	Result 1B07/2018	Result 1B08/2018	Date received	Date tested	Method	PCR-SSP		High Resolution Typing HLA-B*27 alleles		Comments
						Primers and Probes	Detection system	1B07/2018	1B08/2018	
1	Positive	Positive	17-Oct	18-Oct	Molecular					
3	Positive	Positive	18-Oct	18-Oct	Serological					
4	Positive	Positive	17-Oct	29-Oct	Molecular					
7	Positive	Positive	17-Oct	18/2018	Serological					
8	Positive	Positive	17-Oct	17-Oct	Serological					
9	Positive	Positive	18-Oct	19-Oct	Molecular					
10	Positive	Positive	17-Oct	18-Oct	Serological					
11	Positive	Positive	17-Oct	23-Oct	Molecular					
12	Positive	Positive	18-Oct	25-Oct	Molecular			B*27 - only defined to first field	B*27 - only defined to first field	
14	Positive	Positive	17-Oct	22-Oct	Molecular					
15	Positive	Positive	17-Oct	22-Oct	Molecular			B*27.03/B*27.05 string	B*27.03/B*27.05 string	
17	Positive	Positive	17-Oct	19-Oct	Serological and Molecular					
19	Positive	Positive	17-Oct	19-Oct	Molecular					
20	Positive	Positive	18-Oct	19-Oct						
21	Positive	Positive	18-Oct	19-Oct	Serological	Own design	Fluorescence			
22	Positive	Positive	17-Oct	19-Oct	Molecular					
23	Positive	Positive	18-Oct	22-Oct	Molecular					
24	Positive	Positive	17-Oct	23-Oct	Molecular					
25	Positive	Positive	17-Oct	18-Oct	Molecular			B*27.03/27.05/02.01/27.10/27.17	B*27.03/27.05/02.01/27.17	
26	Positive	Positive	17-Oct	22-Oct	Molecular					
28	Positive	Positive	17-Oct	22-Oct	Molecular			B*27.03/27.05/27.05Q/27.13	B*27.03/27.05/27.05Q/27.13	
29	Positive	Positive	17-Oct	17-Oct	Molecular					
31	Positive	Positive	17-Oct	17-Oct	Serological					
32	Positive	Positive	17-Oct	17-Oct	Serological					
34	Positive	Positive	17-Oct	18-Oct	Molecular					
35	Positive	Positive	17-Oct	18-Oct	Molecular					
37	Positive	Positive	17-Oct	25-Oct	Molecular					
39	Positive	Positive	17-Oct	18-Oct	Molecular	Own design	Gel			
40	Positive	Positive	17-Oct	18-Oct	Serological					
41	Positive	Positive	17-Oct	24-Oct	Molecular					
42	Positive	Positive	17-Oct	19-Oct	Molecular					
45	Positive	Positive	17-Oct	23-Oct	Molecular					
46	Positive	Positive	18-Oct	19-Oct	Serological			B27.05/47/90/116-162	B27.05/47/90/116-162	
47	Equivocal	Equivocal	19-Oct	23-Oct	Serological	Commercial	Gel			
48	Positive	Positive	18-Oct	19-Oct	Molecular					
54	Positive	Positive	17-Oct	23-Oct	Molecular					
55	Positive	Positive	24-Oct	30-Oct	Molecular					
57	Positive	Positive	17-Oct	19-Oct	Serological					
58	Positive	Positive	17-Oct	19-Oct	Molecular					
62	Positive	Positive	17-Oct	17-Oct	Molecular					
65	Equivocal	Equivocal	25-Oct	26-Oct	Serological					Results are in the grey zone so need to be referred for confirmation by PCR
66	Positive	Positive	18-Oct	22-Oct	Molecular					
67	Positive	Positive	19-Oct	19-Oct	Serological					
72	Positive	Positive	22-Oct	23-Oct	Molecular					
76	Positive	Positive	17-Oct	17-Oct	Serological					
77	Positive	Positive	17-Oct	17-Oct	Serological					
78	Positive	Positive	16-Oct	23-Oct	Molecular					
83	Positive	Positive	18-Oct	18-Oct	Serological					
84	Positive	Positive	17-Oct	17-Oct	Serological and Molecular					
85	Positive	Positive	10-Oct	18-Oct	Molecular					
86	Positive	Positive	17-Oct	24-Oct	Molecular					
87	Positive	Positive	17-Oct	23-Oct	Molecular			Exon 2 and Exon 3 positive for both	Exon 2 and Exon 3 positive for both	
90	Positive	Positive	17-Oct	18-Oct	Molecular					
96	Positive	Positive	18-Oct	24-Oct	Molecular					
101	Positive	Positive	17-Oct	22-Oct	Molecular					
103	Positive	Positive	18-Oct	18-Oct	Serological					
104	Positive	Positive	19-Oct	19-Oct	Serological					
106	Positive	Positive	18-Oct	19-Oct	Serological					
107	Positive	Positive	22-Oct	29-Oct	Molecular			Positive in Exon 2		
108	Positive	Positive	18-Oct	23-Oct	Molecular					
109	Positive	Positive	17-Oct	19-Oct	Molecular					
110	Positive	Positive	17-Oct	17-Oct	Serological and Molecular					
111	Positive	Positive	18-Oct	20-Oct	Serological					
112	NT	NT	NT	NT						Late delivery of samples
113	Positive	Positive	17-Oct	19-Oct	Molecular					
115	Positive	Positive	17-Oct	18-Oct	Molecular					
126	Positive	Positive	23-Oct	29-Oct	Molecular					
127	Positive	Positive	17-Oct	23-Oct	Molecular					
128	Positive	Positive	17-Oct	30-Oct	Serological and Molecular					
129	Positive	Positive	19-Oct	23-Oct	Molecular					
130	Positive	Positive	17-Oct	19-Oct	Serological and Molecular					
133	Positive	Positive	18-Oct	18-Oct	Serological and Molecular			For both samples potential alleles B*27.03/27.05	For both samples potential alleles B*27.03/27.05	We are not using HR molecular typing method
137	Positive	Positive	17-Oct	17-Oct	Serological					
142	Positive	Positive	19-Oct	26-Oct	Molecular	Own design	Fluorescence			
150	Positive	Positive	18-Oct	25-Oct	Molecular					
153	Positive	Positive	17-Oct	18-Oct	Serological					
154	Positive	Positive	17-Oct	26-Oct	Molecular					
156	Positive	Positive	19-Oct	23-Oct	Molecular					
159	Positive	Positive	19-Oct	19-Oct	Molecular					
174	Positive	Positive	20-Oct	23-Oct	Molecular					
176	Positive	Positive	17-Oct	18-Oct	Serological					
185	Positive	Positive	17-Oct	18-Oct	Molecular					
198	Positive	Positive	17-Oct	17-Oct	Serological					
209	Positive	Positive	16-Oct	22-Oct	Molecular					
219	Positive	Positive	31-Oct	02-Nov	Molecular	Commercial	Fluorescence	All HLA-B*27 subgroups	All HLA-B*27 subgroups	
223	Positive	Positive	17-Oct	23-Oct	Molecular					
224	Positive	Positive	17-Oct	24-Oct	Molecular					
225	Positive	Positive	25-Oct	29-Oct	Molecular					
232	Positive	Positive	22-Oct	23-Oct	Molecular					
234	Positive	Positive	23-Oct	30-Oct	Molecular					
236	Positive	Positive	18-Oct	22-Oct	Serological					
245	Positive	Positive	17-Oct	18-Oct	Molecular					
252	Positive	Positive	18-Oct	22-Oct	Molecular	Commercial	Fluorescence			
255	Positive	Positive	17-Oct	25-Oct	Molecular					
256	Positive	Positive	17-Oct	17-Oct	Serological					
257	Positive	Positive	17-Oct	24-Oct	Molecular					
269	Positive	Positive	24-Oct	25-Oct	Molecular					
273	Positive	Positive	17-Oct	18-Oct	Molecular					
276	Positive	Positive	17-Oct	18-Oct	Molecular					
278	Positive	Positive	17-Oct	22-Oct	Molecular			HLA-B*27 Exon 2 and Exon 3 in both samples	HLA-B*27 Exon 2 and Exon 3 in both samples	
279	Positive	Positive	17-Oct	22-Oct	Serological					
288	Positive	Positive	17-Oct	17-Oct	Serological					
292	Positive	Positive	18-Oct	19-Oct	Serological					
295	Positive	Positive	17-Oct	17-Oct	Serological					
300	Positive	Positive	30-Oct	31-Oct	Molecular					ReadyGene B27 InnoTrain
305	Positive	Positive	15-Oct	30-Oct						
306	Positive	Positive	17-Oct	25-Oct	Molecular	Commercial	Gel			
307	Positive	Positive	17-Oct	20-Oct	Molecular					
315	Positive	Positive	17-Oct	18-Oct	Serological					
317	Positive	Positive	22-Oct	25-Oct	Molecular					
319	Positive	Positive	17-Oct	23-Oct	Molecular					
324	Positive	Positive	18-Oct	19-Oct	Serological	Commercial	Gel			
327	Positive	Positive	17-Oct	24-Oct	Molecular					
334	Positive	Positive	23-Oct	23-Oct	Serological					
339	Positive	Positive	17-Oct	24-Oct	Molecular					
340	Positive	Positive	17-Oct	18-Oct	Molecular					
348	Positive	Positive	17-Oct	18-Oct	Serological					
349	Equivocal	Equivocal	17-Oct	18-Oct	Serological					
353	Positive	Positive	17-Oct	18-Oct	Molecular					
357	Positive	Positive	18-Oct	18-Oct	Serological					
359	Positive	Positive	17-Oct	23-Oct	Molecular					
362	Positive	Positive	17-Oct	24-Oct	Molecular					
365	Positive	Positive	17-Oct	18-Oct	Serological					
368	Positive	Positive	17-Oct	18-Oct	Molecular					RIDARGENE HLA-B27 #11228
372	Positive	Positive	18-Oct	19-Oct	Serological					
373	Positive	Positive	19-Oct	19-Oct	Molecular					
377	Positive	Positive	19-Oct	19-Oct	Serological					
378	Positive	Positive	05-Nov	05-Nov	Serological					
402	Positive	Positive	18-Oct	18-Oct	Molecular					
404	Positive	Positive	17-Oct	17-Oct	Serological					
407	Positive	Positive	24-Oct	24-Oct	Serological					
409	Positive	Positive	22-Oct	23-Oct	Serological					

HLA-B27 TYPING RESULTS OF SAMPLES 1B07&08/2018

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

DESPATCHED ON 16 OCTOBER 2018

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
20	In-house	Anti-B27-FITC/CD3-PE	B27+B7	BD	Anti-B27	B27	One Lambda			
46	Commercial- Pos QC - CRISP	CD3, PE, BD			Anti-HLA B27 , FITC, BD					
67	HLA B27 pos cells									
128		UCHT1 (PE-Dyomics649)	CD3	Beckman Coulter	ABCm3 and FD705 (PE)	HLA-B27	Beckman Coulter	BB7.1 (unlabelled)	HLA-B27	Beckman Coulter
137		Anti-B27 FITC		Beckman Coulter	Anti-B7 PE		Beckman Coulter	CD45 PerCP-Cy5.5		BD
324		GLA-ABCm3/BB7.1	HLA-B27/B7	Immunotech	FD705	HLA-B27	One Lambda			
377	In-house	HLA-B27 FITC	HLA B27 FITC	Beckman-Coulter	HLA-B7 PE	HLA-B27 PE	Beckman-Coulter			
		CD3 PE	100%	BD	HLA-B27	92%	BD			