

HLA-B27 TYPING RESULTS OF SAMPLES 1809&10/2017
DESPATCHED ON 17th October 2017

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

Summary of Results

Total tested	124	125	Donor HLA type	1809/2017	HLA-A25, A29, B18, B27; Cw1, Cw12; DR1, DR15, DQ5, DQ6
Positive	120	1	Donor HLA type	1810/2017	HLA-A11, A24; B8, B13; Cw6, Cw7; DR17, DR7, DQ2, -
Negative	4	124			
NT/Equivocal	3				
% Positive	96.8%	0.8%			
% Negative	3.2%	99.2%			
Consensus	Positive	Negative			

Lab No	Result 1809/2017	Result 1810/2017	Date received	Date tested	Method	Primers and Probes	PCR-SSP Kit Manufacturer	Detection system	High Resolution Typing HLA-B*27 alleles		Comments
									1809/2017	1810/2017	
1	Positive	Negative	18-Oct	19-Oct	Molecular	Alta Bioscience		Gel			
3	Positive	Negative	18-Oct	19-Oct	Serological						
4	Positive	Negative	18-Oct	30-Oct	Molecular						
7	Positive	Negative	20-Oct	20-Oct							
8	Positive	Negative	19-Oct	19-Oct	Serological						
8	Positive	Negative	18-Oct	20-Oct	Molecular	Commerical kit	One Lambda	Fluorescence			
10	Positive	Negative	19-Oct	19-Oct	Serological						
11	Positive	Negative	18-Oct	31-Oct	Molecular						
12	Positive	Negative	23-Oct	26-Oct	Molecular	Own design		Gel			
14	Positive	Negative	19-Oct	25-Oct	Molecular	Own design		Gel			
15	Positive	Negative	18-Oct	19-Oct	Molecular						
17	Positive	Negative	18-Oct	26-Oct	Serological & Mol	Commerical kit	Olerup	Gel			
19	Positive	Negative	20-Oct	25-Oct	Molecular	Own design		Gel			
20	Positive	Negative	18-Oct	19-Oct	Serological	Own design		Gel			
21	Positive	Negative	18-Oct	18-Oct	Serological						
22	Positive	Negative	18-Oct	18-Oct	Molecular	without hybridization probes		Fluorescence			
23	Positive	Negative	19-Oct	23-Oct	Molecular	Own design		Gel			
24	Positive	Negative	19-Oct	27-Oct	Molecular	Commerical kit	Olerup	Gel			
25	Positive	Negative	23-Oct	25-Oct	Molecular						
26	Positive	Negative	18-Oct	20-Oct	Molecular	Own design		Gel			
28	Positive	Negative	19-Oct	23-Oct	Molecular	Commerical kit	One Lambda	Gel			
29	Positive	Negative	18-Oct	18-Oct	Molecular	Commerical kit	Biofortuna	Gel, BAG Healthcare reverse dot blot			
31	Positive	Negative	18-Oct	18-Oct	Serological						
32	NT	NT	18-Oct	19-Oct	Molecular						Samples accidentally put in fridge for 2 days. As we test via Flow Cytometry, this may have invalidated the results. Thus we have not submitted our results (as advised).
34	Positive	Negative	18-Oct		Molecular						
35	Positive	Negative	18-Oct	19-Oct	Molecular	Own design		Gel			
37	Positive	Negative	18-Oct	19-Oct	Molecular	Own design		Gel			
39	Positive	Negative	18-Oct	20-Oct	Molecular	Own design		Gel			
40	Positive	Negative	18-Oct	19-Oct	Serological						
41	Positive	Negative	18-Oct	24-Oct	Molecular	Own design		Gel			
42	Positive	Negative	18-Oct	20-Oct	Molecular				27.03/05/13/17/19/28/55/56/58/60/64N/70/72/74/80/82/84/87/88/90/93/94N/96-99/104/110/111/117/121/123/124/128/132/133/135/140/141/143-146/150/152/159		
45	Positive	Negative	19-Oct	24-Oct	Molecular	Own design		Gel		27.05/49/90/116-162	
46	Negative	Negative	18-Oct	27-Oct	Serological						1809 falls 10 +/- of decision line. If this was a patient it would not be reported
47	Positive	Negative	18-Oct	18-Oct	Serological						
48	Positive	Negative	19-Oct	26-Oct	Molecular	Commerical kit	Invitrogen	Gel		27.05.23, 27.18/23/29/75/85/157 are not detected by this method	27.05.23, 27.18/23/29/75/85/157 are not detected by this method
54	Positive	Negative	19-Oct	23-Oct	Molecular						
55	Positive	Negative	18-Oct	19-Oct	Molecular	Commerical kit	Hain	Fluorescence			
57	Positive	Negative	18-Oct	18-Oct	Serological						
58	Positive	Negative	19-Oct	20-Oct	Molecular	Commerical kit	Innotrain	Gel			
62	Positive	Negative	20-Oct	20-Oct	Molecular	Commerical kit	Olerup	Gel			
66	Positive	Negative	18-Oct	23-Oct	Molecular	Own design		Fluorescence			
67	Positive	Negative	19-Oct	19-Oct	Serological						
72	Positive	Negative	20-Oct	27-Oct	Molecular	Commerical kit	Tib MOLBIOL	Fluorescence			
76	Equivocal	Negative	18-Oct	19-Oct	Serological						Duracore HLA-B27 method, result 09 falls within indeterminate range
77	Positive	Negative	18-Oct	20-Oct	Serological						
78	Positive	Negative	18-Oct	26-Oct	Molecular	Commerical kit	Olerup	Gel			
83	Positive	Negative	19-Oct	20-Oct	Serological						
84	Positive	Negative	19-Oct	19-Oct	Serological & Mol						
85	Positive	Negative	18-Oct	19-Oct	Molecular						
86	Positive	Negative	18-Oct	20-Oct	Molecular	Commerical kit	Invitrogen	Gel			
90	Positive	Negative	20-Oct	21-Oct	Serological						
96	Positive	Negative	19-Oct	25-Oct	Molecular						
101	Positive	Negative	17-Oct	19-Oct	Molecular						
103	Positive	Negative	18-Oct	19-Oct	Serological						
104	Negative	Negative	19-Oct	17-Oct	Serological						
106	Positive	Negative	20-Oct	24-Oct	Molecular						Sample 1809/2017 equivocal, conformation
107	Positive	Negative	27-Oct	27-Oct	Molecular				positive exon 2 and exon 3	negative exon 2 and exon 3	
108	Positive	Negative	19-Oct	24-Oct	Molecular	Commerical kit	Olerup	Gel			
109	Positive	Negative	18-Oct	23-Oct	Molecular						
110	Positive	Negative	19-Oct	19-Oct	Serological & Mol	Commerical kit		Gel			
111	Positive	Negative	19-Oct	19-Oct	Serological						
112	Positive	Negative	24-Oct	25-Oct	Molecular						
113	Positive	Negative	18-Oct	24-Oct	Molecular	Commerical kit		Gel			
115	Positive	Negative	18-Oct	24-Oct	Molecular						
126	Positive	Negative	23-Oct	30-Oct	Molecular						
127	Positive	Negative	18-Oct	26-Oct	Molecular						
128	Positive	Negative	18-Oct	19-Oct	Serological & Mol	Commerical kit	One Lambda	Fluorescence			
129	Negative	Negative	26-Oct	30-Oct							
130	Positive	Negative	17-Oct	19-Oct	Serological & Mol	Commerical kit	Olerup SSP	Gel			
133	Positive	Negative	19-Oct	20-Oct	Serological & Mol	Commerical kit	Olerup	Gel			
137	Positive	Positive	18-Oct	18-Oct	Serological						
142	Negative	Negative	17-Oct	27-Oct	Molecular	Own design		Fluorescence			
153	Positive	Negative	18-Oct	19-Oct	Serological						
154	Positive	Negative	18-Oct	26-Oct	Molecular	Commerical kit	Olerup	Gel			
156	Positive	Negative	18-Oct	23-Oct	Molecular						
174	Positive	Negative	23-Oct	28-Oct	Molecular						
176	Positive	Negative	23-Oct	23-Oct	Serological						
185	Positive	Negative	19-Oct	24-Oct	Molecular	Commerical kit	Olerup	Gel			27.01-27.05.05, 27.05.10-27.05.15, 27.05.17-27.05.22, 27.05.24-27.05.32, 27.08/10/12-13/15-15/25/29/36-40/42/44, 45/47-69/71-74/79-80/82-84/86-90/03/92-100/103-105/108-124/126/128/131-135/137/139/141-149/151-152/155-156
198	Positive	Negative	18-Oct	19-Oct	Serological						
209	Positive	Negative	18-Oct	19-Oct	Molecular						
219	Positive	Negative	24-Oct	27-Oct							
223	Positive	Negative	18-Oct	23-Oct	Molecular	Commerical kit	Invitrogen	Gel			
224	Positive	Negative	18-Oct	25-Oct	Molecular	Commerical kit	Biofortuna	Gel			
225	Positive	Negative	23-Oct	24-Oct	Molecular	Commerical kit	Olerup	Gel			
232	Positive	Negative	20-Oct	23-Oct	Molecular	Commerical kit	Olerup SSP	Gel			
234	Positive	Negative	28-Oct	01-Nov	Molecular	Own design		Fluorescence			
236	Positive	Negative	20-Oct	24-Oct	Serological						
245	Positive	Negative	18-Oct	24-Oct	Molecular						
252	Positive	Negative	20-Oct	24-Oct	Molecular	Commerical kit	Olerup	Gel			
255	Positive	Negative	18-Oct	23-Oct	Molecular						
256	Positive	Negative	18-Oct	18-Oct	Serological						
257	Positive	Negative	18-Oct	19-Oct	Molecular	Commerical kit	Olerup	Gel			
269	Positive	Negative				Commerical kit	Euroimmun, Euroarray	Fluorescence			
273	Positive	Negative	18-Oct	20-Oct	Molecular	Commerical kit	Olerup	Gel			
276	Positive	Negative	18-Oct	23-Oct	Molecular	Commerical kit	Linkage Bioscience	Gel			
278	Positive	Negative	23-Oct	23-Oct	Molecular				positive exon 2 and exon 3		
279	Positive	Negative	19-Oct	23-Oct	Serological						
288	Positive	Negative	19-Oct	19-Oct	Serological						
292	Positive	Negative	19-Oct	19-Oct	Serological						
295	Positive	Negative	18-Oct	18-Oct	Serological						
300	NT	NT									Samples did not arrive at the laboratory
305	Positive	Negative	05-Oct	25-Oct	Molecular						
306	Positive	Negative	18-Oct	19-Oct	Molecular						
307	Positive	Negative	19-Oct	20-Oct	Molecular	Commerical kit	Olerup	Gel			
317	Positive	Negative	23-Oct	26-Oct	Molecular						
319	Positive	Negative	18-Oct	19-Oct	Molecular	Commerical kit	Olerup	TapeStation			
324	Positive	Negative	19-Oct	19-Oct	Serological						
325	Positive	Negative	19-Oct	25-Oct	Molecular						
326	Positive	Negative	20-Oct	26-Oct	Serological						
327	Positive	Negative	23-Oct	24-Oct	Molecular	Commerical kit	Bionobis	Gel			
329	Positive	Negative	19-Oct	20-Oct	Molecular	Commerical kit	Bionobis	Fluorescence			
334	Positive	Negative	24-Oct	24-Oct	Serological	Commerical kit	ArDietec	Gel			
339	Positive	Negative	17-Oct	19-Oct	Molecular						
340	Positive	Negative	18-Oct	23-Oct	Molecular						
348	Positive	Negative	19-Oct	19-Oct	Serological	Own design		Fluorescence			
349	Positive	Negative									
353	Positive	Negative	18-Oct	24-Oct	Molecular						
357	Positive	Negative	10-Oct	17-Oct	Serological						
359	Positive	Negative	18-Oct	25-Oct	Molecular						
362	Positive	Negative	18-Oct	26-Oct	Molecular	Commerical kit	Appolon Biotech	Fluorescence			
365	Positive	Negative	18-Oct	20-Oct	Serological						
368	Positive	Negative	19-Oct	26-Oct	Molecular	Own design		Fluorescence			In house HLA-B27 Samples tested at 6 days old
370	Positive	Negative	21-Oct	23-Oct	Serological						
372	Positive	Negative	19-Oct	24-Oct	Molecular						
373	Positive	Negative	19-Oct	20-Oct	Molecular						
377	Positive	Negative	25-Oct	25-Oct	Serological						
378	Positive	Negative	24-Oct	24-Oct	Serological						

NEQ-115

Issue 2

HLA-B27 TYPING RESULTS OF SAMPLES 1B09&10/2017

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

DESPATCHED ON 17th October 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
10	IH	HLA-B27 145.2	HLA-B27	BD	CD3 SK-7	CD3	BD	HLA-B27 FD705 9E1010	HLA-B27	One Lambda
17		B27 FITC	B27	One Lambda	CD3 PE	CD3	BD			
20	Control Cells: B7 Homozygous Cell, B27/B7 Positive cell, B27/B7 Negative cell	B27-FITC, B27 and B7, Becton Dickinson			B27-FITC, B27, One Lambda			N/A		
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	CRISP Cells	IgG2a-FITC, IgG1-PE, Isotype Control, Beckman Coulter			IOtest HLA-B27-FITC HLA-B7-PE, HLA-B27 and HLA-B7, Beckman Coulter			DuraClone B27, HLA-B27, Beckman Coulter		
68	Positive Controls -Crisp HLA-B27 Supplier- Phoenix Flow Systems	HLA B27-FITC/HLA B7-PE, Beckman Coulter			HLA B27-FITC, One Lambda					
76	HLA-B27 pos CRISP cells supplied by Enzo Life Sciences.	FD705	HLA-B27	Beckman Coulter	ABCm3	HLA-B27	Beckman Coulter	BB7.1	HLA-B7	Beckman Coulter
110	N/A	Anti HLA B27 FITC	FD705-9E1E10	One Lambda	CD3 PE	Clone SK7	BD Biosciences			
111		Anti HLA B27 FITC	Clone GS145.2	BD Biosciences	IOtest HLA-B7-PE, HLA-B7, Beckman Coulter			CD45 PerCP-Cy5.5, Lymphocytes Gating, Becton Dickinson		
128		IOtest HLA-B27-FITC, HLA-B27, Beckman Coulter								
133	In house	Anti CD27	CD27	BC	Anti CD7	CD7	BC	Anti CD3	T cells	BC
137		HLA-ABCm3/BB71	HLA-B-27HLA-B7	Immunotech	MPC-11	HLA-B27	One Lambda			
324		Anti HLA B27 FITC	Anti HLA B27 FITC	Beckman Coulter	HLA-B7-PE	HLA-B7				
334		HLA-B27 - FITC	HLA-B27	Beckman Coulter	HLA-B27-PE	HLA-B27				
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

NEQ-115

Issue 2

P. 2 of 2