

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

HLA-B*27 TYPING RESULTS OF SAMPLES 1B05/2018
DESPATCHED ON 24 JULY 2018

Summary of Results		
Total tested (excl. Equivocal)	121	127
Positive	119	1
Negative	2	126
NT/Equivocal	8	2
% Positive	98.3%	0.8%
% Negative	1.7%	99.2%
Consensus	Positive	Negative

Donor HLA type 1B05/2018 HLA-A11, A26; B27, B65; Cw6, Cw8; DR4, DR13, DQ6, DQ8
Donor HLA type 1B06/2018 HLA-A26, A32; B38, B50; Cw6, Cw7; DR4, DR7, DQ2, DQ8

Lab No	Result 1B05/2018	Result 1B06/2018	Date received	Date tested	Method	PCR-SSP		High Resolution Typing HLA-B*27 alleles		Comments
						Primers and Probes	Detection system	1B05/2018	1B06/2018	
1	Positive	Negative	25-Jul	02-Aug	Molecular					
2	Positive	Negative	25-Jul	26-Jul	Molecular					
4	Positive	Negative	07-Aug	03-Aug	Molecular					
7	Equivocal	Negative	25-Jul	01-Aug	Serological					18.05.2018 reported as equivocal as median 161, marker 146, positives only reported for differences greater than 10 between marker and median.
8	Positive	Negative	27-Jul	27-Jul	Serological					
9	Positive	Negative	25-Jul	27-Jul	Molecular					
10	Negative	Negative	25-Jul	26-Jul	Serological					
11	Positive	Negative	24-Jul	01-Aug	Molecular			B*27- Only defined to field		
12	Positive	Negative	25-Jul	30-Jul	Molecular					
14	Positive	Negative	25-Jul	01-Aug	Molecular					
15	Positive	Negative	25-Jul	27-Jul	Molecular			B*27-03:05 allele string		
17	Positive	Negative	26-Jul	01-Aug	Serological and Molecular					
19	Positive	Negative	25-Jul	27-Jul	Molecular					Positive exon 2 and 3 for 1b 06/2018
20	Positive	Negative	25-Jul	27-Jul	Serological					
21	Positive	Negative	25-Jul	25-Jul	Serological					
22	Positive	Negative	26-Jul	26-Jul	Molecular	Own Design	Fluorescence			
23	Positive	Negative	25-Jul	26-Jul	Molecular					
24	Positive	Negative	25-Jul	01-Aug	Molecular					
25	Positive	Negative	25-Jul	01-Aug	Molecular			B*27:03 / 27:05:02:01 / 27:10 / 27:17		
26	Positive	Negative	25-Jul	25-Jul	Molecular					
28	Positive	Negative	26-Jul	30-Jul	Molecular					
29	Positive	Negative	27-Jul	31-Jul	Molecular					
31	Positive	Negative	25-Jul	25-Jul	Serological					
32	Positive	Negative	24-Jul	31-Jul	Serological					
34	Positive	Negative	25-Jul	27-Jul	Molecular					
35	Positive	Negative	25-Jul	26-Jul	Molecular					
37	Positive	Negative	01-Aug	01-Aug	Molecular	Own Design	Gel			
39	Positive	Negative	25-Jul	25-Jul	Molecular					
40	Positive	Negative	25-Jul	25-Jul	Serological					
41	Positive	Negative	01-Aug	01-Aug	Molecular					
42	Positive	Negative	25-Jul	02-Aug	Molecular					
45	Positive	Negative	25-Jul	25-Jul	Molecular					
46	Positive	Negative	25-Jul	31-Jul	Serological					
47	Positive	Negative	25-Jul	26-Jul	Serological					
48	Positive	Negative	25-Jul	27-Jul	Molecular					
54	Positive	Negative	25-Jul	30-Jul	Molecular					
55	Positive	Negative	25-Jul	03-Aug	Molecular					
57	Positive	Negative	25-Jul	25-Jul	Serological					
58	Positive	Negative	25-Jul	27-Jul	Molecular					
62	Positive	Negative	27-Jul	27-Jul	Molecular					
65	Positive	Negative	30-Jul	30-Jul	Serological					
66	Positive	Negative	25-Jul	01-Aug	Molecular					
67	Positive	Negative	25-Jul	25-Jul	Serological					
72	Positive	Negative	25-Jul	25-Jul	Serological					
76	Positive	Negative	25-Jul	25-Jul	Serological					
77	Positive	Negative	25-Jul	25-Jul	Serological					
78	Positive	Negative	24-Jul	27-Jul	Molecular					
83	Positive	Negative	25-Jul	26-Jul	Serological					
84	Positive	Negative	25-Jul	25-Jul	Serological & Molecular					
85	Positive	Negative	26-Jul	26-Jul	Molecular					
86	Positive	Negative	25-Jul	27-Jul	Molecular					
87	Positive	Negative	27-Jul	30-Jul	Molecular					
90	Positive	Negative	25-Jul	25-Jul	Serological					
96	Positive	Negative	26-Jul	02-Aug	Molecular					
101	Positive	Negative	25-Jul	25-Jul	Molecular					
103	Equivocal	Negative	25-Jul	26-Jul	Serological					
104	Equivocal	Negative	26-Jul	26-Jul	Serological					
106	Positive	Positive	27-Jul	30-Jul	Serological					
107	Positive	Negative	30-Jul	01-Aug	Molecular					1B05/2018 was positive in Exon 2 and Exon 3. 1B06/2018 was negative in Exon 2 and Exon 3
108	Positive	Negative	26-Jul	27-Jul	Molecular					
109	Positive	Negative	25-Jul	27-Jul	Molecular					
110	Positive	Negative	25-Jul	26-Jul	Serological					
111	Equivocal	Negative	26-Jul	26-Jul	Serological					We do a screening test first (HLA-B*27 kit from BD). If the MFI-value is in the range for equivocal, we always do a HLA-B*27 confirmation test. We are not able to do a confirmation test this time, due to no reagents in storage. The reason for no reagents it's problems with delivery.
113	Positive	Negative	31-Jul	03-Aug	Molecular					
113	Positive	Negative	26-Jul	30-Jul	Molecular					
115	Positive	Negative	25-Jul	26-Jul	Molecular					
126	Positive	Negative	02-Aug	02-Aug	Molecular					
127	Positive	Negative	25-Jul	31-Jul	Molecular					
128	Positive	Negative	25-Jul	03-Aug	Serological & Molecular					
129	Positive	Negative	25-Jul	26-Jul	Molecular					
130	Positive	Negative	26-Jul	27-Jul	Serological & Molecular					No results received
137	Positive	Negative	25-Jul	25-Jul	Serological & Molecular					LR typing probable allele: 27:03:02:05:27:10:27:17
142	Positive	Negative	25-Jul	25-Jul	Serological & Molecular					
150	Positive	Negative	25-Jul	26-Jul	Molecular					
153	Positive	Negative	25-Jul	25-Jul	Serological					
154	Positive	Negative	25-Jul	26-Jul	Molecular					
156	Positive	Negative	25-Jul	30-Jul	Molecular					
159	Positive	Negative	25-Jul	27-Jul	Molecular					
174	NT	NT	NT	NT	NT					Problems with delivery- samples not received.
176	Positive	Negative	30-Jul	31-Jul	Serological					
185	Positive	Negative	25-Jul	26-Jul	Molecular					*27:01-27:06:08, 27:05:10-27:05:15, 27:05:17-27:05:22, 27:05:24-27:05:32, 27:06, 27:10, 27:12:01-01-27:13, 27:15-27:17, 27:25, 27:28, 27:38-27:40, 27:42, 27:44-27:45, 27:47-27:49, 27:71-27:74, 27:79-27:80, 27:82-27:84, 27:86-27:90:04, 27:92-27:100, 27:103-27:105, 27:108-27:109, 27:126, 27:128, 27:131-27:138, 27:139, 27:140-27:148, 27:151-27:152, 27:153-27:154, 27:155-27:156, 27:157-27:158, 27:159-27:160, 27:161-27:162, 27:163-27:164, 27:165-27:166, 27:167-27:168, 27:169-27:170, 27:171-27:172, 27:173-27:174, 27:175-27:176, 27:177-27:178, 27:179-27:180, 27:181-27:182, 27:183-27:184, 27:185-27:186, 27:187-27:188, 27:189-27:190, 27:191-27:192, 27:193-27:194, 27:195-27:196, 27:197-27:198, 27:199-27:200, 27:201-27:202, 27:203-27:204, 27:205-27:206, 27:207-27:208, 27:209-27:210, 27:211-27:212, 27:213-27:214, 27:215-27:216, 27:217-27:218, 27:219-27:220, 27:221-27:222, 27:223-27:224, 27:225-27:226, 27:227-27:228, 27:229-27:230, 27:231-27:232, 27:233-27:234, 27:235-27:236, 27:237-27:238, 27:239-27:240, 27:241-27:242, 27:243-27:244, 27:245-27:246, 27:247-27:248, 27:249-27:250, 27:251-27:252, 27:253-27:254, 27:255-27:256, 27:257-27:258, 27:259-27:260, 27:261-27:262, 27:263-27:264, 27:265-27:266, 27:267-27:268, 27:269-27:270, 27:271-27:272, 27:273-27:274, 27:275-27:276, 27:277-27:278, 27:279-27:280, 27:281-27:282, 27:283-27:284, 27:285-27:286, 27:287-27:288, 27:289-27:290, 27:291-27:292, 27:293-27:294, 27:295-27:296, 27:297-27:298, 27:299-27:300, 27:301-27:302, 27:303-27:304, 27:305-27:306, 27:307-27:308, 27:309-27:310, 27:311-27:312, 27:313-27:314, 27:315-27:316, 27:317-27:318, 27:319-27:320, 27:321-27:322, 27:323-27:324, 27:325-27:326, 27:327-27:328, 27:329-27:330, 27:331-27:332, 27:333-27:334, 27:335-27:336, 27:337-27:338, 27:339-27:340, 27:341-27:342, 27:343-27:344, 27:345-27:346, 27:347-27:348, 27:349-27:350, 27:351-27:352, 27:353-27:354, 27:355-27:356, 27:357-27:358, 27:359-27:360, 27:361-27:362, 27:363-27:364, 27:365-27:366, 27:367-27:368, 27:369-27:370, 27:371-27:372, 27:373-27:374, 27:375-27:376, 27:377-27:378, 27:379-27:380, 27:381-27:382, 27:383-27:384, 27:385-27:386, 27:387-27:388, 27:389-27:390, 27:391-27:392, 27:393-27:394, 27:395-27:396, 27:397-27:398, 27:399-27:400, 27:401-27:402, 27:403-27:404, 27:405-27:406, 27:407-27:408, 27:409-27:410, 27:411-27:412, 27:413-27:414, 27:415-27:416, 27:417-27:418, 27:419-27:420, 27:421-27:422, 27:423-27:424, 27:425-27:426, 27:427-27:428, 27:429-27:430, 27:431-27:432, 27:433-27:434, 27:435-27:436, 27:437-27:438, 27:439-27:440, 27:441-27:442, 27:443-27:444, 27:445-27:446, 27:447-27:448, 27:449-27:450, 27:451-27:452, 27:453-27:454, 27:455-27:456, 27:457-27:458, 27:459-27:460, 27:461-27:462, 27:463-27:464, 27:465-27:466, 27:467-27:468, 27:469-27:470, 27:471-27:472, 27:473-27:474, 27:475-27:476, 27:477-27:478, 27:479-27:480, 27:481-27:482, 27:483-27:484, 27:485-27:486, 27:487-27:488, 27:489-27:490, 27:491-27:492, 27:493-27:494, 27:495-27:496, 27:497-27:498, 27:499-27:500, 27:501-27:502, 27:503-27:504, 27:505-27:506, 27:507-27:508, 27:509-27:510, 27:511-27:512, 27:513-27:514, 27:515-27:516, 27:517-27:518, 27:519-27:520, 27:521-27:522, 27:523-27:524, 27:525-27:526, 27:527-27:528, 27:529-27:530, 27:531-27:532, 27:533-27:534, 27:535-27:536, 27:537-27:538, 27:539-27:540, 27:541-27:542, 27:543-27:544, 27:545-27:546, 27:547-27:548, 27:549-27:550, 27:551-27:552, 27:553-27:554, 27:555-27:556, 27:557-27:558, 27:559-27:560, 27:561-27:562, 27:563-27:564, 27:565-27:566, 27:567-27:568, 27:569-27:570, 27:571-27:572, 27:573-27:574, 27:575-27:576, 27:577-27:578, 27:579-27:580, 27:581-27:582, 27:583-27:584, 27:585-27:586, 27:587-27:588, 27:589-27:590, 27:591-27:592, 27:593-27:594, 27:595-27:596, 27:597-27:598, 27:599-27:600, 27:601-27:602, 27:603-27:604, 27:605-27:606, 27:607-27:608, 27:609-27:610, 27:611-27:612, 27:613-27:614, 27:615-27:616, 27:617-27:618, 27:619-27:620, 27:621-27:622, 27:623-27:624, 27:625-27:626, 27:627-27:628, 27:629-27:630, 27:631-27:632, 27:633-27:634, 27:635-27:636, 27:637-27:638, 27:639-27:640, 27:641-27:642, 27:643-27:644, 27:645-27:646, 27:647-27:648, 27:649-27:650, 27:651-27:652, 27:653-27:654, 27:655-27:656, 27:657-27:658, 27:659-27:660, 27:661-27:662, 27:663-27:664, 27:665-27:666, 27:667-27:668, 27:669-27:670, 27:671-27:672, 27:673-27:674, 27:675-27:676, 27:677-27:678, 27:679-27:680, 27:681-27:682, 27:683-27:684, 27:685-27:686, 27:687-27:688, 27:689-27:690, 27:691-27:692, 27:693-27:694, 27:695-27:696, 27:697-27:698, 27:699-27:700, 27:701-27:702, 27:703-27:704, 27:705-27:706, 27:707-27:708, 27:709-27:710, 27:711-27:712, 27:713-27:714, 27:715-27:716, 27:717-27:718, 27:719-27:720, 27:721-27:722, 27:723-27:724, 27:725-27:726, 27:727-27:728, 27:729-27:730, 27:731-27:732, 27:733-27:73

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

HLA-B27 TYPING RESULTS OF SAMPLES 1B05&06/2018

DESPATCHED ON 24 JULY 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 HLA B27 pos cells	CD3, PE, BD			Anti-HLA B27 , FITC, BD					
67		UCHT1 (PE-Dyomics649)	CD3	Beckman Coulter	ABCm3 and FD705 (PE)	HLA-B27	Beckman Coulter	BB7.1 (unlabelled)	HLA-B27	Beckman Coulter
128		Anti-B27 FITC		Beckman Coulter	Anti-B7 PE		Beckman Coulter	CD45 PerCP-Cy5.5		BD
137		GLA-ABCm3/BB7.1	HLA-B27/B7		Immunotech	FD705	HLA-B27			
324		HLA-B27 FITC	HLA B27 FITC		Beckman-Coulter	HLA-B7 PE	HLA-B27 PE			
377	In-house	CD3 PE	100%	BD	HLA-B27	92%				