

UK NEQAS FOR H&I SCHEME 1A - HLA TYPING PHENOTYPING

ASSESSMENT TYPING RESULTS OF SAMPLE 1A08/2018

DESPATCHED ON 20TH NOVEMBER 2018

CONSENSUS HLA TYPE: HLA-A1, A-; B8, B60; Cw3, Cw7; DR15, DR17; DQ2, DQ6

Lab No.	Assessment HLA-					HLA-								Date received	Date tested	Viability %			Comments		
	A	B	Cw	DR	DQ	A	A	B	B	C	C	DR	DR			DQ	DQ	U		T	B
11	YES	YES		YES	YES	1		8	60(40)			15(2)	17(3)	2	6(1)	21-Nov	23-Nov	95			
20	YES	YES	YES			1		8	60	7	10					21-Nov	21-Nov		90		
28	YES	YES		YES	YES	1	1	8	60			15	17	2	6	21-Nov	21-Nov	80	70		
54	YES	YES		YES	YES	1		8	60			15	17	2	6	21-Nov	22-Nov				
58	YES	YES	YES	YES	YES	1		8	60	7	10	15	17	2	6	21-Nov	21-Nov	95	80		
62	YES	YES		YES	YES	1		8	60			15	17	2	6	21-Nov	21-Nov	90	90		
119	YES	YES	YES	YES	YES	1		8	60	7	3	15	17	2	6	21-Nov	22-Nov	90	90		
120	YES	YES		YES	YES	1		8	60			15	17	2	6	21-Nov	22-Nov	100	100		
133	YES	YES				1		8	60							22-Nov	23-Nov				
139	YES	YES		YES	YES	NT	NT	NT	NT			NT	NT	NT	NT	26-Nov	27-Nov	10	10	Poor viability	
142	YES	YES				1		8	60							21-Nov	22-Nov				
145	YES	YES	YES	YES	YES	1		8	60	7	3	15	17	2	6	21-Nov	22-Nov	100	100		
149	YES	YES	YES			1		8	60	7	3					21-Nov	22-Nov				
154	YES	YES		YES	YES	1		8	60			15	17	2	6	21-Nov	21-Nov	95	95		
159	YES	YES		YES	YES	1		8	60			15	17	2	6	22-Nov	22-Nov	99	99		
163	YES	YES		YES	YES	1		8	60			15	17	2	6	21-Nov	22-Nov	85	85		
181	YES	YES		YES	YES	1		8	60			15	17	2	6	21-Nov	22-Nov	100	90		
186	YES	YES		YES	YES	1		8	60			15	17	2	6	21-Nov	21-Nov	99	99		
193	YES	YES		YES	YES	1		8	60			15	17	2	6	21-Nov	21-Nov	99		Not enough B cells to test	
194	YES	YES				1		8	60							21-Nov	21-Nov	90			
206	YES	YES				1		8	60							21-Nov	22-Nov	90			
223	YES	YES				1		8	60							21-Nov	22-Nov	100			
225	YES	YES				1		8	60							22-Nov	23-Nov	100			
227	YES	YES				1		8	60							21-Nov	21-Nov	98			
238	YES	YES		YES	YES	1		8	60			15	17	2	6	21-Nov	22-Nov	98	70		
245	YES	YES				1		8	60							21-Nov	22-Nov	100			
262	YES	YES				1	1	8	60							21-Nov	21-Nov	100			
268	YES	YES		YES	YES	1		8	60			15	17	2	6	21-Nov	22-Nov	90	98		
279	YES	YES	YES			1		8	60	7	3					21-Nov	24-Nov	0.75		Poor quality cells	
284	YES	YES		YES	YES	1		8	60			15	17	2	6	21-Nov	21-Nov	90	80		
289	YES	YES		YES		1		8	60			15	17			23-Nov	23-Nov	98	98	98	
292	YES	YES		YES	YES	1		8	60			15	17	2	6	26-Nov	27-Nov	40			
294	YES	YES		YES	YES	1	1	8	60			15	17	2	6	21-Nov	21-Nov	100	100		
299	YES	YES		YES		1		8	60			15	17			21-Nov	21-Nov	70	60	HLA-A: single antigen assessment confirmed by DNA typing	
315	YES	YES		YES	YES	1	1	8	60	7	10	15	17	2	6	21-Nov	22-Nov	80	80		
323	YES	YES				1		8	60							22-Nov	22-Nov				
401	YES	YES	YES	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Technical issue

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CONSENSUS HLA TYPE: HLA-A1, A-; B8, B60; Cw3, Cw7; DR15, DR17; DQ2, DQ6

Lab No.	Supplemental DNA typing performed using:	Source of HLA Class I Typing trays	Source of HLA Class II Typing trays	Comments
11	PCR-SSP	One Lambda	One Lambda	
20	PCR-SSP	In-house	One Lambda	
28	PCR-SSO	Innotrain, One Lambda	Innotrain, One Lambda	
54	PCR-SSP	One Lambda	One Lambda	
58	PCR-SSO	Innotrain, One Lambda	One Lambda	
62	PCR-SSP	One Lambda	One Lambda	
119	PCR-SSP, Luminex	Innotrain	Innotrain, One Lambda	
120	PCR-SSP	One Lambda	One Lambda	
133	Luminex	Innotrain		
139	PCR-SSO	One Lambda	One Lambda	
142	PCR-SSOP	One Lambda	One Lambda	
145	PCR-SSP	Innotrain, Immucor	Innotrain	
149	PCR-SSP/SSO	Biotest		
154	PCR-SSP	One Lambda	One Lambda	
159				
163	RT-PCR	One Lambda	One Lambda	
181	Luminex	One Lambda	One Lambda	
186	PCR-SSP/SSO	One Lambda	One Lambda	
193	PCR-SSP	One Lambda	One Lambda	
194				
206	PCR-SSP	One Lambda		
223	PCR-SSP	Innotrain		
225	PCR-SSP	Innotrain		
227	PCR-SSP	One Lambda		
238	PCR-SSO	One Lambda	One Lambda	
245	PCR-SSP	One Lambda		
262				
268				
279				
284				
289				
292	PCR-SSO	One Lambda	One Lambda	
294				
299	PCR-SSP	BAG, One Lambda	BAG, One Lambda	
315	PCR-SSP	One Lambda	One Lambda	
323				
401		One Lambda	One Lambda	

- Denotes 2017 methodology/No methodology received