

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

ASSESSMENT TYPING RESULTS OF SAMPLE 1A02/2018

DESPATCHED ON 20TH MARCH 2018

**CONSENSUS HLA TYPE: HLA-A1, A3; B8, B60; Cw7, Cw10 (3); DR4, DR17; DQ2, DQ8**

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
11	YES	YES		YES	YES	1	3	8	60(40)			4	17(3)	2	8(3)	21-Mar	22-Mar	95	80	
20	YES	YES	YES	YES	YES	1	3	8	60	7	10	4	17	2	8	21-Mar	22-Mar	90	90	
28	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	21-Mar	95	95	
54	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	22-Mar	95	95	
58	YES	YES	YES	YES	YES	1	3	8	60	7	10	4	17	2	8	21-Mar	21-Mar	95	90	
62	YES	YES		YES	YES	1	3	8	60			4	17	2	7	21-Mar	21-Mar	95	90	
101	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	22-Mar			
119	YES	YES	YES	YES	YES	1	3	8	60	7	3	4	17	2	8	21-Mar	22-Mar	90	90	
120	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	22-Mar	100	100	
133	YES	YES				1	3	8	60(40)	7	10(3)	4	17(3)	2	8(3)	22-Mar	23-Mar	95		
139	YES	YES		YES	YES	1	3	8	60			4	17	2	8	20-Mar	23-Mar	70	70	Aggregated cells
142	YES	YES				1	3	8	60(40)							21-Mar	22-Mar			
145	YES	YES	YES	YES	YES	1	3	8	60	7	3	4	17	2	8	21-Mar	22-Mar	100	100	
149	YES	YES	YES			1	3	8	60	7	3					22-Mar	23-Mar			
154	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	21-Mar	95	95	
159	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	21-Mar	99	99	
163	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	21-Mar	90	90	
181	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	21-Mar	100	100	
186	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	21-Mar	99	99	
193	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	21-Mar	96		Not enough cells to perform class II by CDC
194	YES	YES				1	3	8	60							21-Mar	22-Mar	96		
206	YES	YES				1	3	8	40(60)							21-Mar	22-Mar	100		All B40 wells are positive. The only B61 well is negative 4 B60 wells: 2 are positive, 2 are negative PCR-SSP HLA-B -> B8,60 most likely Serological typing was not possible due to low cell viability
223	YES	YES				NT	NT	NT	NT							21-Mar		50		
225	YES	YES				1	3	8	60							21-Mar	22-Mar	95		
227	YES	YES				1	3	8	60							21-Mar	21-Mar			
238	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	21-Mar	95	95	Aggregated cells
245	YES	YES				1	3	8	60							21-Mar	28-Mar	100		
262	YES	YES				1	3	8	60							21-Mar	21-Mar	100		
268	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	22-Mar	92	90	
279	YES	YES	YES			1	3	8	60	7	3					21-Mar	22-Mar	>80		
284	YES	YES		YES	YES	1	3	8	60			4	17	2	8	21-Mar	22-Mar	98	98	
286	YES	YES	YES	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	04-Apr				Delayed delivery
289	YES	YES		YES		1	3	8	60			4	17			22-Mar	22-Mar	98	98	98
292	YES	YES		YES	YES	1	3	8	60			4	17	2	8	22-Mar	23-Mar	75	50	
294	YES	YES		YES	YES	1	3	8	NT			4	17	2	8	22-Mar	23-Mar			Not enough DNA in order to split B40 specificity by DNA typing DR confirmed by DNA typing because of high mortality in B-cells
299	YES	YES		YES		1	3	8	60			4	17			21-Mar	21-Mar	98	50	
315	YES	YES		YES	YES	1	3	8	60	7	10	4	17	2	8	21-Mar	21-Mar	90	90	
323	YES	YES				1	3	8	60							22-Mar	22-Mar	80		


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**CONSENSUS HLA TYPE: HLA-A1, A3; B8, B60; Cw7, Cw10 (3); DR4, DR17; DQ2, DQ8**

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	
101				
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	PCR-SSO	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				
286				
289				
292	PCR-SSO	One Lambda	One Lambda	
294				
299	PCR-SSP	BAG, One Lambda	BAG, One Lambda	DNA typing performed only when an antigen can not be assessed because of criteria for antigen assignment or technical reasons (eg. low cell viability)
315	Luminex	One Lambda	One Lambda	
323				

 - Denotes 2017 methodology/No methodology received