

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

ASSESSMENT TYPING RESULTS OF SAMPLE 1A10/2018

DESPATCHED ON 02ND JANUARY 2019

CONSENSUS HLA TYPE: HLA-A2, A3; B7, B38; Cw6, Cw7; DR13, DR15; 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
11	YES	YES		YES	YES	2	3	7	38(16)			13(6)	15(2)	6(1)	6(1)	23-Jan	24-Jan	90	90	
20	YES	YES	YES			2	3	7	38	6	7					23-Jan	24-Jan	95		
28	YES	YES		YES	YES	2	3	7	38			13	15	6	6	23-Jan	23-Jan	20	20	
54	YES	YES		YES	YES	2	3	7	38			13	15	6	6	23-Jan	24-Jan	95	95	
58	YES	YES	YES	YES	YES	2	3	7	38	6	7	13	15	6	6	23-Jan	23-Jan	95	80	
62	YES	YES		YES	YES	2	3	7	38			13	15	6	6	23-Jan	23-Jan	80	10	
119	YES	YES	YES	YES	YES	2	3	7	38	6	7	13	15	6	6	23-Jan	23-Jan	90	90	
120	YES	YES		YES	YES	2	3	7	38			13	15	6	6	23-Jan	23-Jan	100	100	
133	YES	YES				2	3	7	38	6	7	13	15	6	6	24-Jan	25-Jan	90		HLA-C, DR, DQ results derived from DNA typing
139	YES	YES		YES	YES	2	3	7	38			13	15	6	6	25-Jan	25-Jan	80	80	80
142	YES	YES				2	3	7	38							23-Jan	24-Jan			
145	YES	YES	YES	YES	YES	2	3	7	38	6	7	13	15	6	6	23-Jan	24-Jan		100	
149	YES	YES	YES			2	3	7	38	6	7					24-Jan	25-Jan			
154	YES	YES		YES	YES	2	3	7	38			13	15	6	6	23-Jan	23-Jan	95	95	
159	YES	YES		YES	YES	2	3	7	38			13	15	6	6	24-Jan	24-Jan	90	80	
163	YES	YES		YES	YES	2	3	7	38			13	15	6	6	24-Jan	24-Jan	70	70	
181	YES	YES		YES	YES	2	3	7	38			13	15	6	6	23-Jan	23-Jan	100	100	
186	YES	YES		YES	YES	2	3	7	38			13	15	6	6	23-Jan	23-Jan	<50	99	
193	YES	YES		YES	YES	2	3	7	38			13	NT	NT	NT	23-Jan	23-Jan	90	98	Not enough cells to perform HLA DNA typing and resolve the splits DR2 and DQ1 The sample contained many aggregates.
194	YES	YES				2	3	7	38							23-Jan	23-Jan	90		
206	YES	YES				2	3	7	38							23-Jan	24-Jan	80		All wells with lysis except negative control well --> confirmatory
223	YES	YES				02	03	07	38							24-Jan	30-Jan			
225	YES	YES				2	3	7	38							23-Jan	24-Jan	80		
227	YES	YES				2	3	7	38							23-Jan	23-Jan	90		Unspecific cytotoxicity of unseparated cells
238	YES	YES		YES	YES	2	3	7	38			13	15	6	6	23-Jan	24-Jan	90	90	
245	YES	YES				2	3	7	38							23-Jan	23-Jan	100		
262	YES	YES				2	3	7	38							23-Jan	23-Jan	100		
268	YES	YES		YES	YES	2	3	7	38			13	15	6	6	23-Jan	23-Jan	75	60	
279	YES	YES	YES			2	3	7	38	6	7					23-Jan	23-Jan	>80		Partially hemolyzed sample
284	YES	YES		YES	YES	2	3	7	38			13	15	6	6	23-Jan	24-Jan	90	88	
289	YES	YES		YES		2	3	7	38			13	15			25-Jan	25-Jan	89	89	89
292	YES	YES		YES	YES	2	3	7	38			13	15	6	6	25-Jan	29-Jan	25	15	Low cell viability - additional PCR performed
294	YES	YES		YES	YES	2	3	7	38			13	15	6	6	23-Jan	24-Jan	95	95	
299	YES	YES		YES		2	3	7	38			13	15			23-Jan	23-Jan	10	20	HLA- A,-B,-DR antigens confirmed by DNA typing because of high cell mortality
315	YES	YES		YES	YES	02	03	07	38	06	07	13	15	06	06	23-Jan	24-Jan	20	20	20
323	YES	YES				2	3	7	38							24-Jan	24-Jan	85		Serological typing was not contributive, due to poor viability.
401	YES	YES	YES	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	23-Jan	23-Jan	90	90	No results returned
1343	YES	YES		YES	YES	2	3	7	38			13	15	6	6	23-Jan	23-Jan			

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CONSENSUS HLA TYPE: HLA-A2, A3; B7, B38; Cw6, Cw7; DR13, DR15; 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	
1343				

 - Denotes 2017 methodology/No methodology received