

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

ASSESSMENT TYPING RESULTS OF SAMPLE 1A10/2017

DESPATCHED ON 03rd October 2017

CONSENSUS HLA TYPE: HLA-A2, A3; B7, B51; Cw7, Cw14; DR11, DR13; DQ6, DQ7

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	
11	YES	YES	NO	YES	YES	2	3	7	51(5)			11(5)	13(6)	6(1)	7(3)		90	70	
20	YES	YES	YES	YES	YES	2	3	7	51	7		NT	NT	NT	NT		90	60	Unable to obtain class II HLA type by serological methods for sample 1A10 due to poor viability of cells and a low cells count meaning there was insufficient material to repeat the testing.
28	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7		95	95	
54	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7		90	>90	
58	YES	YES	YES	YES	YES	2	3	7	51	7	14	11	13	6	7		95	80	
62	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7		99	90	
101	YES	YES	NO	YES	YES	2	3	7	51	7	14	11	13	6	7		100		
119	YES	YES	YES	YES	YES	2	3	7	51	7	14	11	13	6	7		90	70	
120	YES	YES	NO	YES	YES	2	3	7	51			11	13	NT	NT		85	85	Splits not done for DQ
123	YES	YES	NO	YES	YES	2	3	7	51	7		11	13	6	7				
133	YES	YES	NO	NO	NO	2	3	7	51(5)	7		11	13(6)	6(1)	7(3)		90	90	Molecular typing confirmed result for HLA-C locus as 7,14
139	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7		90	90	
142	YES	YES	NO	YES	YES	2	3	7	51(5)			11(5)	13(6)	6(1)	7(3)		100	100	
145	YES	YES	YES	YES	YES	2	3	7	51	7	14	11	13	6	7				
149	YES	YES	YES	NO	NO	2	3	7	51	7	14								
154	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7		100		
159	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7		99	99	
163	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7		99	80	
181	YES	YES	NO	YES	YES	2	3	7	51			11	13	NT	7		96		
186	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7		99	99	
193	YES	YES	NO	YES	YES	2	3	7	51			11	13	1	7		99	99	
194	YES	YES	NO	NO	NO	2	3	7	51										
206	YES	YES	NO	NO	NO	2	3	7	51								100		
223	YES	YES	NO	NO	NO	2	3	7	51										
225	YES	YES	NO	NO	NO	2	3	7	51								100		
227	YES	YES	NO	NO	NO	2	3	7	51								98		
238	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7		98	80	
245	YES	YES	NO	NO	NO	2	3	7	51								100		
262	YES	YES	NO	NO	NO	2	3	7	51								100		
268	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7		95	95	
279	YES	YES	YES	NO	NO	2	3	7	51	7	14						100		
284	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7		98	85	
289	YES	YES	NO	YES	NO														
292	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7				
294	YES	YES	NO	YES	YES	2	3	7	51			11	13	6	7		100	99	
299	YES	YES	NO	YES	NO	2	3	7	51			11	13				95	80	
315	YES	YES	NO	YES	YES	2	3	7	51	7	14	11	13	6	7		90	90	
323	YES	YES	NO	NO	NO	2	3	7	51								75		

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CONSENSUS HLA TYPE: HLA-A2, A3; B7, B51; Cw7, Cw14; DR11, DR13; DQ6, DQ7

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				
58	PCR-SSO	Innotrain, One Lambda	One Lambda	
62				
101				
119	Luminex	Innotrain	Immucor, One Lambda	
120	PCR-SSP	One Lambda	One Lambda	
123		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, Lifecodes	Biorad	
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				
289				
292	PCR-SSO	One Lambda	One Lambda	
294				
299	PCR-SSP	BAG	BAG	
315	PCR-SSP	One Lambda	One Lambda	
323		One Lambda		