

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

ASSESSMENT TYPING RESULTS OF SAMPLE 1A05/2017

DESPATCHED ON 23rd MAY 2017

CONSENSUS HLA TYPE: HLA-A1, A30; B8, B13; Cw6, Cw7; DR7, DR17; DQ2, DQ-

Lab No.	Assessment HLA-					A	A	B	B	HLA-		DR	DR	DQ	DQ	Date received	Date tested	Viability %			Comments
	A	B	Cw	DR	DQ					C	C							U	T	B	
11	YES	YES		YES	YES	1	30(19)	8	13			7	17(3)	2	24-May	25-May	90	95			
20	YES	YES	YES	YES	YES	1	30	8	13	6	7				24-May	24-May	80			Class II serological testing was not performed on this sample due to the ongoing issues with class II dynabeads. Please note supplementary DNA typing was performed and the class II type for sample 1A05 2017 was DR17, DR7; DQ2 - using PCR-SSP.	
28	YES	YES		YES	YES	1	30	8	13			7	17	2	2	24-May	24-May	5	5		DNA typing required to all loci as viability of cells insufficient for serological typing.
54	YES	YES		YES	YES	1	30	8	13			7	17	2	ND	24-May	25-May	0	95	80	ND = no second antigen detected
58	YES	YES	YES	YES	YES	1	30	8	13	6	7	7	17	2		25-May	25-May	90	90		
62	YES	YES		YES	YES	1	30	8	13			7	17	2		24-May	24-May	20	75		T cell count was very low
101	YES	YES		YES	YES	1	30	8	13			7	17	2	2	24-May	24-May	100	100	100	
119	YES	YES	YES	YES	YES	1	30	8	13	6	7	7	17	2		25-May	25-May	95		90	
120	YES	YES		YES	YES	1	30	3	13			7	17	2							
123	YES	YES		YES	YES	1	30	8	13	6	7	7	17	2	2	26-May	30-May				
133	YES	YES				1	30(19)	8	13	6	7	7	17(3)	2	2	26-May	30-May	95	95		HLA-C, HLA-DR, DQ results are derived from DNA typing results
139	YES	YES		YES	YES	1	30	8	13			7	17	2		26-May	26-May	75	75	75	
142	YES	YES		YES	YES	1	30(19)	8	13			7	17(3)	2		24-May	26-May				
145	YES	YES	YES	YES	YES	1	30	8	13	6	7	7	17	2		24-May	02-Jun	100	80		
149	YES	YES	YES			1	30	8	13	6	7					24-May	25-May				
154	YES	YES		YES	YES	1	30	8	13			7	17	2		24-May	24-May	99	99		
159	YES	YES		YES	YES	1	30	8	13			7	17	2		24-May	24-May	99	99		
163	YES	YES		YES	YES	1	30	8	13			7	17	2		24-May	24-May	90	90		
181	YES	YES		YES	YES	1	30	8	13			7	17	2		24-May	24-May	100	100		Class I HLA typing is performed on PBL
186	YES	YES		YES	YES	1	30	8	13			7	17	2		24-May	24-May	99	99		
193	YES	YES		YES	YES	1	30	8	13			7	17	2		24-May	24-May			98	
194	YES	YES				1	30	8	13							24-May	24-May				
206	YES	YES				1	30	8	13							26-May	26-May	>80			
223	YES	YES				NT	NT	NT	NT												Samples not tested due to late arrival on Friday afternoon, after lab weekend closure
225	YES	YES				1	30	8	13							26-May	29-May	95			
227	YES	YES				1	30	8	13							24-May	24-May	98			
238	YES	YES		YES	YES	1	30	8	13			7	17	2		24-May	26-May	98	90		
245	YES	YES				1	30	8	13							24-May	24-May	100			
262	YES	YES				1	30	8	13							24-May	24-May	100			
268	YES	YES		YES	YES	1	30	8	13			7	17	2		24-May	24-May	98	98		
279	YES	YES	YES			1	30	8	13	6	7					24-May	26-May				
284	YES	YES		YES	YES	1	30	8	13			7	17	2		24-May	24-May	98	40		Very low viability B cells % because of problem with class II dynabeads (One Lambda)
289	YES	YES		YES		1	30	8	13			7	17			25-May	25-May	98	98		Class I Lot 5 OneLambda TM144 ----- Class II Lot 10 MDR172
292	YES	YES		YES	YES	1	30	8	13			7	17	2		26-May	26-May	95			
294	YES	YES		YES	YES	1	30	8	13			7	17	2	2	24-May	24-May	60	100		
299	YES	YES		YES		1	30	8	13			7	17			25-May	25-May	90	80		Delivery delay
315	YES	YES		YES	YES	1	30	8	13	6	7	7	17	2	2	26-May	26-May	80	80	80	
323	YES	YES				1	30	8	13							29-May	29-May	70			

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CONSENSUS HLA TYPE: HLA-A1, A30; B8, B13; Cw6, Cw7; DR7, DR17; DQ2, DQ-

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, Luminex	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		