

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

ASSESSMENT TYPING RESULTS OF SAMPLE 1A06/2017

DESPATCHED ON 23rd MAY 2017

CONSENSUS HLA TYPE: HLA-A2, A68; B44, B51; Cw5, Cw15; DR9, DR13; DQ6, DQ9

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	68(28)	44(12)	51(5)			9	13(6)	6(1)	9(3)	24-May	25-May	90	90	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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
20	YES	YES	YES	YES	YES	2	68	44	51	5	15					24-May	24-May	80		
28	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	24-May	95	95	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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
54	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	25-May	0	95	
58	YES	YES	YES	YES	YES	2	68	44	51	5	15	9	13	6	9	25-May	25-May	90	85	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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
62	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	24-May	99	90	
101	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	24-May	100	100	100
119	YES	YES	YES	YES	YES	2	68	44	51	5	15	9	13	6	9	25-May	25-May	90	90	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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
120	YES	YES		YES	YES	2	68	44	51			9	13	6	9			100	100	
123	YES	YES		YES	YES	2	68	44	51	5		9	13	6	9	26-May	30-May			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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
133	YES	YES				2	68(28)	44(12)	51(5)	5		9	13(6)	6(1)	9(3)	26-May	30-May	95	95	
139	YES	YES		YES	YES	2	68	44	51			9	13	6	9	26-May	26-May	75	75	75
142	YES	YES		YES	YES	2	68(28)	44(12)	51(5)			9	13(6)	6(1)	9(3)	24-May	26-May			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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
145	YES	YES	YES	YES	YES	2	68	44	51	5	15	9	13	6	9	24-May	02-Jun	100	100	
149	YES	YES	YES			2	68	44	51	5	15					24-May	25-May			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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
154	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	24-May	99	99	
159	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	24-May	99	99	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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
163	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	24-May	90	90	
181	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	24-May	100	100	100
186	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	24-May	99	99	Class I HLA typing performed on PBL
193	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	24-May		98	
194	YES	YES				2	68	44	51							24-May	24-May			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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
206	YES	YES				2	68	44	51							26-May	26-May	>80		
223	YES	YES				NT	NT	NT	NT											100
225	YES	YES				2	68	44	51							26-May	29-May	95		Samples not tested due to late arrival on Friday afternoon, after lab weekend closure
227	YES	YES				2	68	44	51							24-May	24-May	98		
238	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	26-May	95	95	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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
245	YES	YES				2	68	44	51							24-May	24-May	100	100	
262	YES	YES				2	68	44	51							24-May	24-May	100		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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
268	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	24-May	98	98	
279	YES	YES	YES			2	68	44	51	5	15					24-May	26-May			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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
284	YES	YES		YES	YES	2	68	44	51			9	13	6	9	24-May	24-May	98	40	
289	YES	YES		YES		2	68	44	51			9	13			25-May	25-May	98	98	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 1A06 2017 was DR9, DR13; DQ6, DQ9 using PCR-SSP
292	YES	YES		YES	YES	2	68	44	51			9	13	6	9	26-May	26-May	90		
294	YES	YES		YES	YES	2	68	44	51			9	13	9	6	24-May	24-May	90	90	85
299	YES	YES		YES		2	68	44	51			9	13			25-May	25-May	90	60	High mortality in B cells: DNA typing LowRes performed to confirm antigen assessment
315	YES	YES		YES	YES	2	68	44	51	5	15	9	13	6	9	26-May	26-May	80	80	
323	YES	YES				2	68	44	51							29-May	29-May	50		

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CONSENSUS HLA TYPE: HLA-A2, A68; B44, B51; Cw5, Cw15; DR9, DR13; DQ6, DQ9

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		