

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

ASSESSMENT TYPING RESULTS OF SAMPLE 1A03/2016

DESPATCHED ON 05TH APRIL 2016

**CONSENSUS HLA TYPE: HLA-A1, A3; B8, B35; Cw4, Cw7; DR1, DR17; DQ2, DQ5**

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	
9	YES	YES		YES	YES	1	3	8	35	4	7	1	17	2	5	06-Apr	07-Apr	95	95	
11	YES	YES		YES	YES	1	3	8	35	4	7	1	17(3)	2	5(1)	06-Apr	07-Apr	90	90	90
20	YES	YES	YES	YES	YES	1	3	8	35	4	7	1	17	2	5	06-Apr	06-Apr		98	97
28	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	06-Apr			
41	YES	YES		YES	YES	1	3	8	35	4	7	1	17	2	5	06-Apr	12-Apr			
54	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	07-Apr	99	95	
58	YES	YES	YES	YES	YES	1	3	8	35	4	7	1	17	2	5	06-Apr	06-Apr	90	85	
62	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	07-Apr	90	90	
101	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	07-Apr	100	100	
119	YES	YES	YES	YES	YES	1	3	8	35	4	7	1	17	2	5	06-Apr	07-Apr	95	95	
120	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	06-Apr	100	100	
123	YES	YES		YES	YES	1	3	8	35			1	17	2	5			90		
133	YES	YES				1	3	8	35	4	7	1	17(3)	2	5(1)	07-Apr	07-Apr	90	90	
139	YES	YES		YES	YES	1	3	8	35			1	17	2	5	08-Apr	11-Apr	80	80	60
142	YES	YES		YES	YES	1	3	8	35			1	17(3)	2	5(1)	07-Apr	08-Apr			
145	YES	YES	YES	YES	YES	1	3	8	35	4	7	1	17	2	5	06-Apr	15-Apr	100	100	
149	YES	YES	YES			1	3	8	35	4	7					06-Apr	07-Apr			
154	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	07-Apr	99	50	
159	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	07-Apr	95	90	
163	YES	YES		YES	YES	1	3	8	35			1	17	2	5	07-Apr	07-Apr	90	80	
181	YES	YES		YES	YES	NT	NT	NT	NT			NT	NT	NT	NT					Samples delivered late
186	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	06-Apr	99	99	
193	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	06-Apr	99	99	
194	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	07-Apr	100		
206	YES	YES				1	3	8	35							06-Apr	07-Apr	>80		
223	YES	YES				1	3	8	35							06-Apr	07-Apr	95		
225	YES	YES				1	3	8	35							06-Apr	07-Apr	100		
227	YES	YES				1	3	8	35							06-Apr	06-Apr	90		
238	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	06-Apr	98	95	
245	YES	YES				1	3	8	35							06-Apr	06-Apr	100		
262	YES	YES				1	3	8	35							04-Apr	04-Apr	98		
268	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	06-Apr	95	90	
279	YES	YES	YES			1	3	8	35	4	7					06-Apr	08-Apr	100		
284	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	07-Apr	99	85	
285	YES	YES	YES			1	3	8	35	4	7					06-Apr	07-Apr	100		
289	YES	YES		YES		1	3	8	35	4	7	1	17	2	5	07-Apr	07-Apr	98	98	
292	YES	YES		YES	YES	1	3	8				1	17	2	5	07-Apr	07-Apr	85	70	B locus is most likely heterozygous. Probably B71 which was cannot assert with serological typing
294	YES	YES		YES	YES	1	3	8	35			1	17	2	5	06-Apr	07-Apr	100	100	
297	YES	YES				1	3	8	35							06-Apr	07-Apr	90		
299	YES	YES		YES		1	3	8	35			1	17			06-Apr	06-Apr	99	99	
315	YES	YES		YES	YES	1	3	8	35	4	7	1	17	2	5	06-Apr	07-Apr	>80	>80	
323	YES	YES				1	3	8	35							07-Apr	08-Apr	85		

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SCHEME 1A - HLA PHENTOYPING - METHODOLOGY 2016

Lab. No.	Source of HLA Class I Typing trays	Source of HLA Class II Typing trays	Supplemental DNA typing performed
9	One Lambda	One Lambda	PCR-SSO
11	One Lambda	One Lambda	PCR-SSP
20	Own Tray	One Lambda	PCR-SSP
28	Innotrain, One Lambda	Innotrain, One Lambda	PCR-SSO
41	MC Diagnostics	MC Diagnostics	PCR-SSP
54	One Lambda	One Lambda	PCR-SSP
58	Innotrain, One Lambda	Innotrain, One Lambda	PCR-SSO, Luminex
62	One Lambda	One Lambda	PCR-SSP
101	One Lambda	One Lambda	
119	Innotrain	Immucor	PCR-SSP/SSO
120	One Lambda	One Lambda	PCR-SSP
123	One Lambda	One Lambda	
133	One Lambda		PCR-SSO
139	One Lambda	One Lambda	PCR-SSO
142	One Lambda	One Lambda	RT-PCR-SSP
145	Biorad, Immucor	Biorad	PCR-SSP
149	Biotest		PCR-SSP/SSO
154	One Lambda	One Lambda	PCR-SSP
159	One Lambda	Invitrogen	PCR-SSP
163	One Lambda	One Lambda	PCR-SSO
181	One Lambda	One Lambda	PCR-SSO
186	One Lambda	One Lambda	PCR-SSP/SSO
193	One Lambda	One Lambda	PCR-SSP
194	Ingen, One Lambda	Ingen, One Lambda	PCR-SSO
206	One Lambda		PCR-SSP
223	Innotrain		PCR-SSP
225	Innotrain		PCR-SSP
227	One Lambda		PCR-SSP/SSO
238			
245	One Lambda		
262	One Lambda		PCR-SSO
268	One Lambda	One Lambda	PCR-SSO
279	Biotest, Innotrian		
284	One Lambda	One Lambda	PCR-SSP
285	Biorad, Innotrain		
289	Formedic, One Lambda	Formedic, One Lambda	
292	One Lambda	One Lambda	PCR-SSP
294	One Lambda	One Lambda	PCR-SSO
297			
299	Biorad, BAG	Biorad, BAG	PCR-SSP
315	One Lambda	One Lambda	PCR-SSP
323	One Lambda	One Lambda	PCR-SSO