

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

ASSESSMENT TYPING RESULTS OF SAMPLE 1A10/2016

DESPATCHED ON 20TH SEPTEMBER 2016

CONSENSUS HLA TYPE: HLA-A2, A-; B7, B57; Cw7, Cw-; DR7, DR103; DQ5, DQ9

Lab. No.	Assessment HLA-				HLA-								Date received	Date tested	Viability %			Comments	
	A	B	Cw	DR	A	B	C	C	DR	DR	DQ	DQ			U	T	B		
9	YES	YES	YES	YES	2		7	57	7		7	103	5	9	21-Sep	22-Sep	90	90	
11	YES	YES		YES	2		7	57(17)			7	103	5(1)	9(3)	21-Sep	22-Sep	95	95	Cw not typed by serology
20	YES	YES	YES	YES	2		7	57	7		7	1	5	9	21-Sep	21-Sep	90	90	
28	YES	YES		YES	2	2	7	57			7	103	5	9	21-Sep	21-Sep	90	85	
54	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	22-Sep	95	90	
58	YES	YES	YES	YES	2	2	7	57	7	7	7	103	5	9	21-Sep	21-Sep	95	90	
62	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	21-Sep	99	95	
101	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	22-Sep	100	100	
119	YES	YES	YES	YES	2		7	57	7		7	103	5	9	21-Sep	22-Sep	90	60	
120	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	22-Sep	100	100	
123	YES	YES		YES	2	2	7	57			7	103	5	9	21-Sep	28-Sep	90		
133	YES	YES			2	2	7	57	7	7	7	103	5(1)	9(3)	22-Sep	22-Sep	94		1) Molecular typing confirms different alleles for C*07 2) The homozygosity for -A2 must be confirmed by family results
139	YES	YES		YES	2		7	57			7	103	5	9	23-Sep	23-Sep	90		
142	YES	YES		YES	2	2	7	57(17)			7	103	5(1)	9(3)	22-Sep	23-Sep			
145	YES	YES	YES	YES	2		7	57	7		7	103	5	9	21-Sep	22-Sep	100	100	
149	YES	YES	YES		2		7	57	7						22-Sep	23-Sep			
154	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	21-Sep	90	90	
159	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	22-Sep	99	99	
163	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	21-Sep	90	90	
181	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	22-Sep	97		
186	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	21-Sep	100	100	
193	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	21-Sep	99	99	
194	YES	YES		YES	2		7	57			NT	NT	NT	NT	21-Sep	21-Sep	100		
206	YES	YES			2		7	57							21-Sep	21-Sep	100	100	
223	YES	YES			2		7	57(17)							22-Sep	23-Sep	99		
225	YES	YES			2	2	7	57							22-Sep	23-Sep	95		
227	YES	YES			2	2	7	57							21-Sep	21-Sep	98		
238	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	21-Sep	98	95	
245	YES	YES			2	2	7	57							21-Sep	22-Sep	100		
262	YES	YES			2		7	57							21-Sep	21-Sep	100		
268	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	22-Sep	95	95	
279	YES	YES	YES		2		7	57	7						21-Sep	23-Sep	100		
284	YES	YES		YES	2	2	7	57			7	103	5	9	21-Sep	21-Sep	99	95	
285	YES	YES	YES		2		7	57	7						21-Sep	22-Sep	100		
289	YES	YES		YES	2		7	57	7		7	103	1	3	22-Sep	22-Sep	98	98	
292	YES	YES		YES	2		7	57			7	103	1	3	23-Sep	23-Sep	90	30	
294	YES	YES		YES	2		7	57			7	103	5	9	21-Sep	22-Sep	100	100	
297	YES	YES			2		7	57							20-Sep	22-Sep	80		
299	YES	YES		YES	2		7	57			7	103			22-Sep	22-Sep	95	95	1) Locus A tested also by a different typing trays to confirm SA assignment 2) DRB performed by DNA typing to confirm DR103 assignment
315	YES	YES		YES	2		7	57	7		7	103	5	9	22-Sep	22-Sep	>90	>90	
323	YES	YES			2		7	57							22-Sep	22-Sep	85		

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SCHEME 1A - HLA PHENOTYPING - 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
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
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
193	One Lambda	One Lambda	PCR-SSO
194	Ingen, One Lambda	Ingen, One Lambda	PCR-SSO
206	One Lambda		
223	Innotrain		PCR-SSP
225	Innotrain		
227	One Lambda		PCR-SSP/SSO
238			
245	One Lambda		
262	One Lambda		PCR-SSO
268	One Lambda	One Lambda	PCR-SSO
279	Biotest, Innotrain		
284	One Lambda	One Lambda	PCR-SSP
285	Biorad, Innotrain		
289	One Lambda	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