

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

ASSESSMENT TYPING RESULTS OF SAMPLE 1A10/2014

DESPATCHED ON 16TH SEPTEMBER

CONSENSUS HLA TYPE: HLA-A11,A31; B35,B60; Cw4,Cw3; DR103,DR4; DQ5,DQ8

Lab No.	Assessment					HLA-A	A	B	B	C	C	DR	DR	DQ	DQ	Date received	Date tested
	HLA-A	HLA-B	HLA-Cw	HLA-DR	HLA-DQ												
9	YES	YES		YES	YES	11	31	35	60	4	10	4	103	5	8	17-Sep	18-Sep
11	YES	YES		YES	YES	11	31 (19)	35	60 (40)			4	103	5 (1)	8 (3)	18-Sep	19-Sep
20	YES	YES		YES	YES	11	31	35	60	4	10	4	1	5	8	17-Sep	17-Sep
25	YES	YES		YES	YES	11	31	35	60			4	103	5	8	18-Sep	18-Sep
28	YES	YES		YES	YES	11	31	35	60			4	103	5	8	17-Sep	17-Sep
41	YES	YES		YES	YES	11	31	35	60	4	10	4	103	5	8	17-Sep	17-Sep
54	YES	YES		YES	YES	11	31	35	60			4	103	5	8	17-Sep	18-Sep
58	YES	YES	YES	YES	YES	11	31	35	60	4	10	4	103	5	8	17-Sep	17-Sep
62	YES	YES		YES	YES	11	31	35	60			4	103	5	8	16-Sep	18-Sep
116	YES	YES				11	31	35	60							17-Sep	17-Sep
119	YES	YES	YES	YES	YES	11	31	35	60	4	3	4	103	5	8	18-Sep	18-Sep
120	YES	YES		YES	YES	11	31	35	60			4	103	5	8	17-Sep	18-Sep
123	YES	YES		YES	YES	11	31	35	60			4	1	5	8	18-Sep	19-Sep
133	YES	YES	YES	YES	YES	11	31	35	60 (40)	4	10 (3)	4	103	5 (1)	8 (3)	18-Sep	19-Sep
139	YES	YES		YES	YES	11	31	35	40			4	103	5	8	18-Sep	19-Sep
142	YES	YES		YES	YES	11	31 (19)	35	60 (40)			4	103	5 (1)	8 (3)	17-Sep	18-Sep
145	YES	YES	YES	YES	YES	11	31	35	60	4	3	4	103	5	8	17-Sep	18-Sep
149	YES	YES	YES			11	31	35	60	4	3					17-Sep	18-Sep
154	YES	YES		YES	YES	11	31	35	60			4	103	5	8	17-Sep	17-Sep
159	YES	YES		YES	YES	11	31	35	60			4	103	5	8	18-Sep	18-Sep
164	YES	YES		YES	YES	11	31	35	60			4	1	5	8	17-Sep	17-Sep
181	YES	YES		YES	YES	11	31	35	60			4	1	5	8	17-Sep	17-Sep
187	YES	YES				NT	NT	NT	NT								
193	YES	YES		YES	YES	11	31	35	60			4	103	5	8	17-Sep	17-Sep
194	YES	YES		YES	YES	11	31	35	60			4	103	5	8	17-Sep	17-Sep
206	YES	YES				11	31	35	60							17-Sep	17-Sep
223	YES	YES				11	31 (19)	35	60 (40)							18-Sep	19-Sep
225	YES	YES				11	31	35	60							18-Sep	19-Sep
227	YES	YES				11	31	35	60							17-Sep	17-Sep
232	YES	YES				11	31	35	60							18-Sep	19-Sep
238	YES	YES		YES	YES	11	31	35	40			4	01:03	5	03:02	17-Sep	17-Sep
245	YES	YES				11	31	35	60							17-Sep	18-Sep
262	YES	YES		YES	YES	11	31	35	60			4	1	5	8	17-Sep	17-Sep
268	YES	YES		YES	YES	11	31	35	60			4	103	5	8	17-Sep	18-Sep
279	YES	YES	YES			11	31	35	60	4	3					17-Sep	18-Sep
284	YES	YES		YES	YES	11	31	35	60			4	103	5	8	17-Sep	17-Sep
285	YES	YES	YES			11	31	35	60	4	3					16-Sep	17-Sep
289	YES	YES		YES		11	31	35	60	4	3	4	103	5	8	19-Sep	19-Sep
294	YES	YES		YES	YES	11	31	35	60			4	103	5	8	17-Sep	18-Sep
297	YES	YES				11	31	35	60							17-Sep	18-Sep
299	YES	YES		YES		11	31	35	60			4	103			17-Sep	17-Sep
315	YES	YES		YES	YES	11	31	35	60			4	103	5	8	17-Sep	18-Sep

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DESPATCHED ON 16TH SEPTEMBER

Lab No.	Supplemental DNA typing performed using:	Viability %			Testing failures	Tray Manufacturer	Comments
		U	T	B			
9	PCR-SSO		95	90		One Lambda	
11	PCR-SSP	90	90			One Lambda	
20	PCR-SSP		95	90		One Lambda	
25	PCR-SSP/SSO		99	99		Innotrain	
28	PCR-SSO		95	85		Innotrain + One Lambda	
41	PCR-SSP		90	90		One Lambda	
54	PCR-SSP		99	95		One Lambda	
58	Luminex					Innotrain + One Lambda	
62			99	99		One Lambda	
116	PCR-SSO		95			BioRad	
119	PCR-SSP	95		95		BioRad + One Lambda	
120	SBT		100	100		Inegen (One Lambda)	
123		90				One Lambda	
133	PCR-SSO				Cell viability too low for typing		Could not be tested serologically
139	PCR-SSO		80	80		One Lambda	Very low expression of HLA-B35 by serological typing
142	PCR-SSO					BioRad + One Lambda	
145	PCR-SSP		100	100		BioRad + Innotrain	
149	PCR-SSP/SSO					BioTest	
154	PCR-SSP		99	99		One Lambda	
159	PCR-SSP		99	99		One Lambda	
164	PCR-SSP					One Lambda	
181	PCR-SSP	100		100		One Lambda	
187							
193	PCR-SSO		98	98		One Lambda	
194	PCR-SSO	100	100	90		One Lambda	
206	PCR-SSO		100			One Lambda	
223	PCR-SSP		100			BioRad	
225	PCR-SSP		100			BioRad	
227	PCR-SSP	98				One Lambda	
232		80				BioTest	
238	PCR-SSP		98	95		Ingen	As the B35 was difficult to identify by serology we performed B genetic kit to confirm and B35 kit which identifies a very rare B*35:41 which is found difficult by serology and associated DRB1*01:03.
245			100			One Lambda	
262	PCR-SSO		100	100		One Lambda	Rare allele B*35 only detected by PCR-SSO, negative on serological trays
268	PCR-SSP/SSO		80	80		One Lambda	
279			100			BioRad + Innotrain	
284	PCR-SSP		95	95		One Lambda	
285			100				
289	CDC		98	98		One Lambda	
294			100	90		One Lambda	
297		90				Ingen	
299		95		60		BioRad	
315	PCR-SSO	>80		>80		One Lambda	