

UK NEQAS for H&I EDUCATIONAL SCHEME

METHODOLOGY ED01/2014

DESPATCHED ON 11TH FEBRUARY 2014

Lab No.	Date received	Date tested	Method used *		HLA-C	DRB1	DRB3,4,5	DQA1	DQB1	DPA1	DPB1	Source of Primers and Probes			Kit manufacturer	Detection Method	
			HLA-A	HLA-B								Commercial Kits	In-house	Other			
9	13-Feb		SBT	SBT	SSP/SBT							YES			Invitrogen/Olerup	Gel/Fluorescence	
12	12-Feb	10-Mar	LUM	LUM	LUM/SBT	LUM	LUM	LUM	LUM	LUM	LUM	YES			Life Technologies/One Lambda	Gel/Fluorescence	
14	12-Feb	20-Feb	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda	Luminex	
15	12-Feb	26-Feb	LUM	LUM	LUM/SBT	LUM	LUM	LUM	LUM	LUM	LUM	YES	YES		Immucor	Gel/Fluorescence	
16	12-Feb	20-Feb	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	LUM	YES			Innotrain/Immucor	Gel/Fluorescence	
19	13-Feb	17-Feb	LUM	LUM	SSP/SBT/LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			Gen-Probe	Fluorescence	
20	12-Feb	13-Feb	SSP/SBT	SSP	SSP/SBT								YES				Gel
23	12-Feb	18-Feb	LUM	LUM	SSP/LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES	YES		One Lambda	Gel/Fluorescence	
24	14-Feb	05-Mar	LUM	LUM	SBT/LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			Immucor/GenDx	Fluorescence	
26	13-Feb	19-Feb	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM						YES	YES		VHBIO	Fluorescence	
28	14-Feb	17-Feb			SSOP							YES			BAG Healthcare	Fluorescence	
29	14-Feb	21-Feb			SSP							YES			Olerup	Gel	
34	13-Feb	17-Feb	LUM	LUM	SSP/LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			Olerup/One Lambda	Gel/Fluorescence	
38	12-Feb	06-Mar	SBT/LUM	SBT/LUM	SBT/LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES	YES		LABType/In-house SBT	Fluorescence	
39	14-Feb		LUM	LUM	SBT/LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda/GenDx	Gel	
41	13-Feb	21-Feb	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	LUM	SSOP/LUM	LUM	LUM	YES			One Lambda	Fluorescence	
42	13-Feb	06-Mar	LUM	LUM	SBT/LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda/GenDx	Fluorescence	
54	12-Feb	13-Feb	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			Immucor	Fluorescence	
58	12-Feb	20-Feb	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda	Fluorescence	
62	17-Feb	24-Mar	LUM	LUM	SSP/SBT/LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES	YES	YES	Olerup/One Lambda/In-house SBT	Gel/Fluorescence	
69		25-Mar	LUM	LUM	LUM	LUM						YES			Gen-Probe	Fluorescence	
112																	
113	12-Feb	12-Feb	LUM	LUM	SSP/LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			Olerup/One Lambda	Gel	
128	19-Feb	24-Feb	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda	Fluorescence	
130	12-Feb	25-Feb	SBT	SBT	SBT	SBT	SBT	SBT	SBT	SBT	SBT	YES			Olerup/GenDx	Gel/Fluorescence	
133	13-Feb	18-Mar	LUM	LUM	SBT/LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			Immucor/GenDx	Fluorescence	
142	16-Feb	13-Mar	SSP/SSOP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	YES			Olerup/Ingen	Gel	
147	12-Feb	12-Feb	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SSP	LUM	LUM	LUM	LUM	YES	YES		Olerup/One Lambda	Gel/Fluorescence	
156	11-Feb	01-Mar			SSP/SBT							YES	YES		Olerup/In-House	Gel/ABI3730	
159	13-Feb	27-Feb	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda	Fluorescence	
164	14-Feb	21-Mar	SBT	SSP	SSP/SBT	SBT	SSP	SSP	SSP	SSP	SSP	YES			Olerup	Gel/Fluorescence	
178	13-Feb	17-Mar	SSP/LUM	LUM	SSP/LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			Olerup/Invitrogen	Gel	
181	12-Feb	14-Feb	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda	Fluorescence	
187	13-Feb	17-Feb	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	YES			Innogenetics	Gel	
191	12-Feb	17-Feb	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda	Fluorescence	
195	07-Mar	11-Mar	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda	Fluorescence	
227	12-Feb	17-Feb	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda	Fluorescence	
238	13-Feb	03-Mar	SSP/LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			Olerup	Gel/Big Dye Terminator	
245	12-Feb	04-Apr	LUM	LUM	SBT/LUM	SSP/LUM	SSP	SSP	SSP	SSP	SSP	YES			Olerup/One Lambda/Protrans	Gel/Fluorescence	
260	13-Feb	03-Mar	SSP/SBT	SSP	SSP/SBT	SSP	SSP	SSP	SSP	SSP	SSP	YES			Olerup/GenDx	Gel/ABI3500	
278	14-Feb	04-Mar	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	YES			Euroimmun	Fluorescence	
284	11-Feb	18-Feb	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda	Fluorescence	
297	12-Feb	14-Feb	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	YES			One Lambda	Fluorescence	

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CLASS I DNA TYPING RESULTS OF ED01/2014

DESPATCHED ON 11TH FEBRUARY 2014

Lab No.	HLA-A*	A*	B*	B*	C*	C*
9	01:01	11:01	08:01	13:01	04:03	07:01
12	01	11	08	13	04:03	07:01/06/18
14	01	11	08	13	04	07
15	01	11	08	13	04:03	07
16	01	11	08	13	04	07
19	01	11	08	13	04:03	07:01
20	01	11	08	13	04:03	07:01
23	01	11	08	13	04:03	07
24	01	11	08	13	04:03	07:01
26	01:01	11:01	08:01	13:01	04:03	07:01
28					04:03/06-107	07:01//06-299
29					04:03	07
34	01	11	08	13	04:03	07:01
38	01:01:01	11:01:01	08:01	13:01	04:03:01	07:01:01
39	01	11	08	13	04:03	07:01
41	01	11	08	13	04:03	07
42	01	11	08	13	04:03	07:01
54	01	11	08	13	04:03	07
58	01	11	08	13	04:03	07
62	01	11	08	13	04:03:01	07:01:01
69	01	11	08	13	04	07
112						
113	01	11	08	13	04:03	07:01
128	01	11	08	13	04	07
130	01:01:01	11:01:01	08:01:01/20	13:01:01/05	04:03:01	07:01:01
133	01	11	08	13	04:03	07:01
142	36	11	08	13		
147	01:01:01:01	11:01:01	08:01:01	13:01:01	04:03	07:01:01:01
156					04:03	07:01
159	01:Z NJW	11:Z NPP			04:03	07:Z WBT
164	01:VTST	11:VTUF	08	13	04:03	07:01
178	01:01	11:01	08	13	04:03	07:01
181	01	11	08	13	04	07
187	01:01	11:01	08:01	13:01		
191	01	11	08	13	04	07
195	01	11	08	13	04	07
227	NT	NT	NT	NT	NT	NT
238	01	11	08:01	13:01	04:03	07:01
245	01	11	08	13	04:03	07:01/06/18/52/153/166
260	01:01:01:01	11:01:01	08	13	04:03:01	07:01:01
278						
284			08:01/19N	13:01/52/60/61	04:03	07:01/06/18/52/103/153/166
297	01	11	08	13	04:03	07:01

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CLASS II DNA TYPING RESULTS OF ED01/2014

DESPATCHED ON 11TH FEBRUARY 2014

Lab No.	HLA-DRB1*	DRB1*	DRB3*	DRB4*	DQB1*	DQB1*	DPB1*	DPB1*	Comments
12	03	07	01	01	02	02	01	17	
14	03:01/18/19/22/28	07	01	01	02	02			
15	03:01/28/37/45	07	01	01	02:01	02:02/06/07/08			
16	03	07	01	01	02				
19	03	07	01	01	02				
20									
23	03:01/50/68N/83	07:01	01	01	02:01/27	02:02/12			Not enough DNA for our systems to do a full HLA-Type. Only done locus of interest
24	03	07	01	01	02	02			
26	03:01	07:01			02:01	02:02			
34	03	07			02	02			
38	03:01	07:01	01	01	02:01	02:02	01:01	17:01	
39	03:01/18/19/22/28/37/45/50/51/55/56/58/59/61/62/66/68N/72/73	07	01	01	02:01	02:02			
41	03:01	07	01	01	02	02			
42	03	07			02	02			
54	03	07	01	01	02				
58	03	07	01	01	02	02	01:01	17:01	
62	03	07:01	01	01	02	02			
69	03	07							
112									
113	03	07			02	02			
128	03:01/50/68N/83	07:01/25/26N			02:01/27	02:02/12			
130	03:01:01	07:01:01			02:01:01	02:02:01			
133	03:01/28/37/45/48...	07			02:01	02:02			
142	03	07			02	02			
147	03:01	07:01:01	01:01	01:03	02:01	02:02	01:01	17:01	
164	03:TEYM	07:01							
178	03	07			02				
181	03	07:01			02	02			
187	03:01	07:01			02:01	02:02			
191	03	07			02	02			
195	03	07			02	02	01	17	
227	NT	NT	NT	NT	NT	NT	NT	NT	Low DNA amount
238	03	07:01			02:01	02:02			
245	03:01	07:01			02	03			
260	03	07	+	+	02				
278					02				
284									
297	03	07	01	01	02				C*04:03 probably associated with B*13:01; C*07:01 probably associated with B*08