

UK NEQAS for H&I EDUCATIONAL SCHEME

METHODOLOGY ED02/2014

DESPATCHED ON 11TH FEBRUARY 2014

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

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CLASS I DNA TYPING RESULTS OF ED02/2014

DESPATCHED ON 11TH FEBRUARY 2014

Lab No.	HLA-A*	A*	B*	B*	C*	C*
9	24:21	31:01	07:02	49:01	07:01	07:02
12	24:21	31:01/71	07	49	07	07
14	24	31	07	49	07	07
15	24:21	31	07	49	07	07
16	24	31	07	49	07	
19	24:21:01	31:01:02	07	49	07	
20	24:21	31:01				
23	24:21	31	07	49	07	
24	24:21:01	31:01	07	49	07	07
26	24:21	31:01	07:02	49:01	07:01	07:02
28	24:02/02L-226	31:01/02-71				
29	24:21	31				
34	24:21	31:01	07	49	07	07
38	24:21:01	31:01:02	07:02:01	49:01:01	07:01:01	07:02:01
39	24:21	31:01	07	49	07	
41	24	31	07	49	07	07
42	24:21	31:01/71	07	49	07	07
54	24:21:01	31	07	49	07	
58	24	31	07	49	07	
62	24:21	31:01/71	07	49:01	07	07
69	24	31	07	49	07	07
112						
113	24:21	31	07	40:01	07	07
128	24	31	07	49	07	07
130	24:21:01	31:01/71	07:02:01	49:01:01	07:01:01	07:02:01
133	24:21	31:01	07	49	07	07
142	24	31	07	49		
147	24:21:01	31:01:02	07:01:01/07:61	49:01:01	07:02:01:03	07:01:01:01
156	24:21:01	31:01/71				
159	24:21	31:ZKHM			07:ZVGJ	
164	24:21	31:01	07:UVCY	49:JV	07:01	07:02
178	24:21	31:01	07	49	07:01	07:02
181	24	31	07	49:01	07	
187	24:02	31:01	07:02	49:01		
191	24	31	07	49	07	07
195	24	31	07	49	07	07
227	NT	NT	NT	NT	NT	NT
238	24:21	31:01P	07	49:01	07:01	07:02
245	24	31:01	07	49	07	07
260	24:21:01	31:01/71	07	49	07	
284	24:21	31:01/14N/23/46/48/55/56/59/60N/68/70/71				
297	24:21	31:01	07	49	07	

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CLASS II DNA TYPING RESULTS OF ED02/2014

DESPATCHED ON 11TH FEBRUARY 2014

Lab No.	HLA-DRB1*	DRB1*	DRB4*	DQB1*	DQB1*	DPB1*	DPB1*	Comments
12	01	07	01	02	05			
14	01:01/05/07/08/11	07	01	02	05			
15	01:01/05/07/21	07	01	02	05			
16	01	07	01	02	05			
19	01	07	01	02	05			
20								Not enough DNA for our systems to do a full HLA-Type. Only done locus of interest
23	01	07:01	01	02:02/12	05			
24	01	07	01	02	05			
26	01:01/50	07:01		02:02	05:01			
34	01	07		02	05			
38	01:01	07:01	01	02:02	05:01	04:02	11:01	
39	01	07	01	02:02	05			
41	01	07	01	02	05			Insufficient samples to complete high resolution single locus testing
42	01	07		02	05			
54	01	07	01	02	05			
58	01	07	01	02	05	04:02	11:01	
62	01	07:01	01	02	05			
69	01	07						
112								
113	01	07		02	05			
128	01:01/47/50/52N/53	07:01/25/26N		02:02/12	05:01/12/18/27/30/31/32			
130	01:01:01	07:01:01		02:02:01	05:01:01			
133	01	07		02:02	05:01			
142	01	07		02	05			
147	01:01:01/01:50	07:01:01	01:01	02:01	05:01			
164	01:VTBD	07:VE						
178	01	07		02	05			
181	01	07:01		02	05			
187	01:01	07:01		02:02	05:01			
191	01	07		02	05			
195	01	07		02	05	04	11	
227	NT	NT	NT	NT	NT	NT	NT	Low DNA amount
238	01	07		02:02	05:01			
245	01:01	07:01		02	05			
260	01	07		02	05			
278				02				
284								A*24:21: 3 cells in IMGT/HLA Base (CAV,ORI)
297	01	07	01	02	05			