

UK NEQAS for H&I Educational Scheme

METHODOLOGY

DESPATCHED ON 26/01/2016

SAMPLE ED 02/2016

Lab No.	Date received	Date tested	Method used *		HLA-C	DRB1	DRB3,4,5	DQA1	DQB1	DPA1	DPB1	Source of Primers and Probes Kits			Kit manufacturer	Detection Method	Comments
			HLA-A	HLA-B								Commercial	In-house	Other			
9	27-Jan	28-Jan	SBT/LUM	SBT/LUM	LUM	LUM	LUM	LUM	LUM	LUM		Yes		One Lambda, Invitrogen	Fluorescence		
12	27-Jan	29-Jan	SBT	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP		Yes		One Lambda, Life Technologies	Fluorescence		
14	27-Jan	28-Jan		SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	Yes		One Lambda	Luminex		
15	27-Jan	28-Jan	SSP/SBT/LUM	SSP/SBT/LUM	LUM	LUM	LUM	SSP/LUM	LUM	LUM		Yes	Yes	Immucor	Gel, Fluorescence		
16	27-Jan	02-Feb															
19	27-Jan	29-Jan	SBT	LUM	LUM	LUM	LUM	LUM	LUM	LUM		Yes		Immucor	Fluorescence		
20			SSP/SBT	SSP/SBT									Yes		Gel		
23	27-Jan	04-Feb		LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
24	28-Jan	04-Feb	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
26	10-Feb	07-Mar	SBT/LUM	SBT/LUM	LUM	LUM	LUM		LUM			Yes	Yes	One Lambda	Fluorescence		
28	27-Jan	02-Feb		LUM								Yes		One Lambda			
29	27-Jan	04-Feb	SSP/SSOP/SBT									Yes		Olerup, BAG	Gel, Sanger Sequencing		
34	27-Jan	28-Jan	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM		LUM	SBT/LUM	LUM	Yes		One Lambda, GenDx	Fluorescence		
38	27-Jan	29-Jan	SBT	SBT/LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda, Conexio	Gel, Fluorescence		
39	28-Jan	02-Feb	SSOP	SSOP/SBT	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	Yes		One Lambda, GenDx	Fluorescence		
41	27-Jan	05-Feb	SSOP	SSOP								Yes		One Lambda	Fluorescence		
42	27-Jan	04-Feb		SBT/LUM	LUM	LUM	LUM		LUM	LUM		Yes		One Lambda, GenDx	Fluorescence		
45	28-Jan	04-Feb	SSP/SBT	SSP/SBT									Yes		Gel		
48	29-Jan	15-Feb - 07-Mar	SSP/SBT	SSP/SBT	SSP/SBT	SSP/SBT	SSP/SBT	SSP		SSP/SBT		Yes		Life Technologies	Gel		
54	27-Jan	09-Jan	SBT	LUM	LUM	LUM	LUM	LUM	LUM	LUM		Yes	Yes	Immucor	Fluorescence		
58	27-Jan	28-Jan	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM		Yes		One Lambda	Fluorescence		
62	02-Feb	02-Feb		SBT	SBT	SBT	SBT	SBT		SBT		Yes		Life Technologies	Fluorescence	Third Generation Sequencing	
78																	
112	15-Jan	28-Jan	SSP	SSP	SSP	SSP	SSP	SSP		SSP		Yes		CTS, Biorad	Gel		
113				SSP/LUM/NGS	SSP/LUM/NGS	SSP/LUM/NGS	SSP/LUM/NGS			SSP/LUM/NGS		Yes		One Lambda, Olerup, GenDx	Gel, Fluorescence, Illumina MiSeq		
123																	
128	29-Jan		LUM	LUM	LUM	LUM	LUM			LUM		Yes		One Lambda	Fluorescence		
130	27-Jan	29-Jan		SBT	SBT	SBT	SBT			SBT		Yes		GenDx	Gel, Fluorescence		
132	27-Jan	22-Feb	SSP	NGS	NGS	NGS	NGS		NGS	NGS		Yes		Olerup, Holotype	Gel, Illumina Miseq		
133	28-Jan	01-Feb	SSP/SBT/LUM	LUM	LUM	LUM	LUM		LUM	LUM		Yes		GenDx, Immucor, Olerup	Gel, Fluorescence		
142	29-Jan	09-Feb		LUM	LUM	LUM	LUM		LUM	LUM		Yes		One Lambda	Fluorescence		
147	27-Jan	27-Jan		SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SSP		LUM		Yes	Yes	One Lambda, Olerup	Gel, Fluorescence		
156	02-Feb	01-Mar	SBT	SBT	SBT	SBT	SBT			SSOP		Yes	Yes	One Lambda, Olerup	Gel, ABI3730		
159																	
164	27-Jan	15-Feb		SBT	SBT	SBT	SBT					Yes		Abbott, Atria	Fluorescence		
178	01-Feb	01-Mar		SSP/LUM	LUM	LUM	LUM			SSP		Yes		One Lambda, Lifecodes	Gel		
181	27-Feb	27-Feb	SSP/SBT/LUM	LUM	LUM	LUM	LUM			LUM		Yes		One Lambda	Gel		
193	27-Jan	16-Feb		SBT/LUM								Yes		One Lambda, Abbott	Fluorescence		
195	29-Jan	26-Feb	SSP/LUM	LUM	LUM	LUM	LUM			LUM		Yes		One Lambda	Fluorescence		
229	28-Jan	03-Feb	LUM	LUM	LUM	LUM	LUM			LUM		Yes		Lifecodes	Fluorescence		
230																	
238	27-Jan	05-Feb	SBT	SSP/SBT	SBT	SBT	SBT			SBT	SBT	Yes		Celera, Olerup	Gel, Big dye terminator		
245	03-Feb	12-Feb	SBT	SBT	SBT	SBT	SBT			SBT	SBT	Yes		BAG, Protrans	Fluorescence, Mr SPOT		
252																	
259	29-Jan	25-Feb	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM			SSOP/LUM		Yes					
260	03-Feb	04-Feb		LUM	LUM	LUM	LUM			LUM	LUM	Yes		Immucor	Fluorescence		
262	03-Feb	03-Feb	SSP/SBT/LUM	SSP/SBT/LUM	SSP/SBT/LUM	SSP/SBT/LUM	SSP/SBT/LUM	SSP	LUM	SSP/SBT/LUM	LUM	Yes		One Lambda, Abbott, Olerup	Gel		
267	28-Jan	03-Feb	SBT/LUM	SBT/LUM	LUM	LUM	LUM			LUM		Yes		Protrans, Immucor	Fluorescence		
284	27-Jan	12-Feb	SBT/LUM	SBT/LUM	LUM	LUM	LUM			LUM		Yes		One Lambda, Protrans	Fluorescence		
315			SSP	SSP	SSP	SSP	SSP	SSP		SSP		Yes		Bionobis, Olerup	Gel		
323	28-Jan	02-Feb	LUM	LUM	LUM	LUM	LUM			LUM	LUM	Yes		One Lambda	Fluorescence		

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CLASS I DNA TYPING RESULTS

DESPATCHED ON 26/01/2016

SAMPLE ED 02/2016

Lab No.	HLA-A*	A*	B*	B*	C*	C*	Comments
9	02:24:01	03:01:01	07		07		
12	02:24	03:01	07	07	07	07	
14	02	03	07		07		
15	02:24	03:01	07		07		
16	02	03	07		07		
19	02:24:01	03:01:01:01	07		07		HLA-A confirmed by SBT
	02:24	03:01/03N/200					
20		Q					
23	02	03	07		07		
24	02:24:01	03:01:01	07		07		
26	02:24	03:01	07		07		
	02:01/02:01L-	03:01/03:01N-					
28	02:554	03:209					
29	02:24	03:01					
34	02:24:01	03:01:01	07		07		
38	02:24	03:01	07		07		
39	02:24	03:01	07		07		
41	02	03					
42	02:24	03:01	07	07	07	07	
45	02:24:01	03:01:01:01					
48	02:24	03:01	07		07		
54	02:24:01	03:01:01	07		07		
58	02	03	07		07		
62	02:24:01	03:01:01:01	07:02:01		07:02:01:03		
78							
112	02	03	07				
113	02:24:01	03:01:01:01	07:02:01		07:02:01:03		
123							
128	02	03	07		07		
130	02:24:01	03:01:01	07:02:01		07:02:01		
132	02:24:01	03:01:01:01	07:02		07:02		
133	02:24:01	03:01:01	07	07	07	07	
142	02	03	07	07			
147	02:24:01	03:01:01	07:02:01G		07:02:01:03		
156	02:24:01	03:01:01	07		07:02:01		
159							
164	02:24:01	03:01:01	07		07		
178	02:24	03:01	07		07		
181	02	03	07		07		
193	02:24:01	03:01:01					
195	02	03	07		07	07	
229	02	03	07	07	07	07	
230							
238	02:24:01	03:01:01	07:02:01G		07:02:01		Rare A*02 confirmed in SSP
245	02:24	03:01/01N	07	07	07	07	
252							
259	02	03	07		07		
260	02	03	07		07		
262	02:24	03	07		07		
267	02:24	03:01	07	07	07	07	
284	02:24:01	03:01:01	07	07	07	07	
315	02	03	07		07		
323	02	03	07		07		

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CLASS II DNA TYPING RESULTS

DESPATCHED ON 26/01/2016

SAMPLE ED 02/2016

Lab No.	HLA-DRB1*	DRB1*	DRB4*	DRB5*	DQB1*	DQB1*	DPB1*	DPB1*	Comments
9	07	15	01	01	02	06			
12	07	15	01	01	02	06			
14	07	15	01	01	02	06	04:02		
15	07	15	01	01	02	06			
16	07	15	01/02/03	01/02	02	06			
19	07	15	01	01	02	06			
20									
23	07:01	15:01	01	01	02:02	06:02	04:02	105:01	
24	07	15	01	01	02	06			
26	07	15			02	06			
28									
29									
34	07	15			02	06			
38	07:01	15:01	01	01	02:02	06:02			
39	07	15	01	01	02:02/12	06			
41									
42	07	15			02	06			
45									
48	07:01	15:01	01	01/02	02	06			
54	07	15	01	01	02	06			
58	07	15			02	06			
62	07:01:01	15:01:01	01/02/03	01	02:02:01	06:02:01			
78									
112	07	15	+	+	02	06			
113	07:01:01	15:01:01			02:02:01	06:02:01			
123									
128	07	15			02	06			
130	07:01:01	15:01:01			02:02:01	06:02:01			
132	07:01	15:01			02:02	06:02	04:02		
133	07	15			02	06			
142	07	15			02	06			
147	07:01:01G	15:01	01:01	01:01	02:02	06:02	04:02		
156	07:01:01	15:01:01			02	06			
159									
164	07	15							
178	07	15			02	06			
181	07	15			02	06			
193									
195	07	15			02	06	04		
229	07	15			02	06			
230									
238	07:01:01G	15:01:01G			02:02:01	06:02:01	04:02:01G		DQB1: or DQB1*02:05,*06:124 or *02:31, *06:79
245	07	15			02	06			
252									
259	07	15			02	06			
260	07	15			02	06			
262	07	15			02	06			
267	07	15			02	06			
284	07	15			02	06			
315	07	15	01:01	01:01	02	06	04:02		
323	07	15			02	06			