

**UK NEQAS for H&I Educational Scheme**

METHODOLOGY

DESPATCHED ON 10TH OCTOBER 2017

SAMPLE ED04/2017

Lab No.	Date	Method used *									Source of Primers and Probes			Kit manufacturer	Detection Method
		A	B	C	DRB1	DRB3,4,5	DQA1	DQB1	DPB1	Commercial Kits	In-house	Other			
9	16-Oct	SSOP/ SBT/ LUM	SSOP/ SBT/ LUM	SSOP/ SBT/ LUM	SSOP/ SBT/ LUM	SSP/ SSOP/ LUM	SSOP/ LUM	SSOP/ SBT/ LUM			YES			Dynal, One Lambda, Secore	Gel, Fluorescence
12	23-Oct	NGS	NGS	NGS	NGS	NGS	NGS	NGS	NGS	NGS	YES			Illumina	Fluorescence
15	13-Oct	LUM	LUM/ SBT	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES	YES		Immucor	Fluorescence
20	13-Oct	SSP	SSP/ SBT		SSP			SSP				YES			Gel
23	18-Oct	LUM	LUM/ SBT	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda	
24	17-Oct	LUM	LUM/ SBT	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			Immucor, GenDx	Fluorescence
26	13-Oct	LUM	LUM/ SBT	LUM	LUM	LUM	LUM	LUM	LUM	LUM					
29	13-Oct										YES			One Lambda, Olerup, BAG Health Care	Gel, Fluorescence, Reverse dot-blot assay
38	13-Oct														
39	12-Oct	LUM	LUM/ SBT	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda, Gendx	Fluorescence
41	20-Oct	NGS	NGS	NGS	NGS	NGS	NGS	NGS	NGS	NGS	YES			Omixon, Illumina	Illumina Miseq
42	18-Oct	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda	Fluorescence
48	31-Oct	SSP/ SBT	SSP/ SBT	SSP/ SBT	SSP/ SBT	SSP		SSP/ SBT			YES	YES		Life Technologies - ALLSET GOLD, SeeCORE	Gel
54	02-Nov														
58	18-Oct	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	YES			One Lambda	Fluorescence
62	11-Oct	SBT/ NGS	SSP/ SBT/ NGS	SBT/ NGS	SBT/ NGS	SBT		SBT/ NGS		SBT/ NGS	YES	YES		Olerup, Lifetech. PACBio	Gel, Fluorescence
112	19-Oct														
113	18-Oct	LUM/ NGS	LUM/ NGS	LUM/ NGS	LUM/ NGS	NGS		LUM/ NGS		LUM/ NGS	YES			One Lambda. GENDX/ ILLUMINA	Gel. ILLUMINA MISEQ
130	19-Oct	SBT	SBT	SBT	SBT			SBT						GenDx	
132	31-Oct	SSP/ NGS	SSP/ NGS	SSP/ NGS	SSP/ NGS	SSP		SSP/ NGS		SSP/ NGS	YES			Illumina, HLA Twin, Olerup, Omixon	
133	17-Oct		SBT								YES			Immucor, GenDx	Fluorescence
142	18-Oct	SSP	SSP/ SBT	SSP	SSP	SSP		SSP		SSP	YES			Linkage, Protrans	Fluorescence
147	16-Oct														
156	23-Oct														
164	12-Oct														
181	25-Oct														
194	13-Oct	LUM	LUM/ SSP	LUM	LUM	LUM	LUM	LUM						One Lambda, Olerup	
220	31-Oct	SSOP/ SBT	SSOP/ SBT/ LUM	SSOP/ SBT/ LUM	SSOP/ SBT	In-house		SSOP			YES	YES		BAG, Secore	Mr. Spot, Sanger Sequencing
238	23-Oct	NGS	NGS	NGS	NGS	NGS		NGS		NGS				Illumina. Omixon	
260	21-Oct	LUM	LUM	LUM	LUM	LUM		LUM		LUM	YES			Immucor	Fluorescence
262	16-Oct														
267	25-Oct	LUM	LUM/ SBT	LUM	LUM	LUM		LUM		LUM	YES			Immucor, Protrans	Fluorescence
284	26-Oct	LUM	LUM/ SBT	LUM	LUM	LUM		LUM		LUM	YES			One Lambda (INGEN), Protrans	Fluorescence
292	18-Oct	LUM	LUM	LUM	LUM	LUM		LUM		LUM				One Lambda	
315	18-Oct	SSP	SSP	SSP	SSP	SSP		SSP		SSP				Innotrain	Fluorescence

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CLASS I DNA TYPING RESULTS

DESPATCHED ON 10TH OCTOBER 2017

SAMPLE ED04/2017

Lab No.	A*	A*	B*	B*	C*	C*
9	01:01/01L/30/66/98/100/191	02:01/01L/01W/246/338/262/346/609/665				
12	01:01L	02:01	15:17	57:01	06:02	07:01
15	01:01/32/37	02:01/09/66	15:17/168/177	57	06	07
20	01:01:38L	02:01/629/642/665	15(63)	57	06	07
23	01	02	15	57	06	07
24	01:01	02:01	15:17...	57	06	07
26	01:01:38L	02:01	15	57	06	07
29	01:01:38L	02:01/629/642/665	15	57	06	07
38	01:01:38L	02:01:01	15:17:01	57:01:01	06:02:01	07:01:02
39	01:01	02:01	15:17/168/177/196/XX	57	06	07
41	01:01:38L	02:01:01:01/02L/16	15:17:01:01	57:01:01	06:02:01:01	07:01:02
42	01:01/01:01:38L	02:01/02:01:01:02L/02:665	15	57	06	07
48	01:01:38L	02:01	15	57	06	07
54	01:01:38L	02:01	15	57	06	07
58	01	02	15	57	06	07
62	01:01:38L	02:01:01	15:17:01:01	57:01:01	06:02:01:01	07:01:02
112	01	02	15	57	06	07
113	01:01:38L	02:01:01	15:17:01	57:01:01	06:02:01	07:01:02
130	01:01:38L	02:01:01:01	15:17:01	57:01:01	06:02:01:01	07:01:02
132	01:01:38L	02:01:01:01/02:01:16/02:01:01:02L	15:17:01:01	57:01:01	06:02:01:01	07:01:02
133	01:01:38L	02:01:01	15:17:01	57:01:01	06:02:01	07:01:02
142	01:01:38L	02	15	57	06	07
147	01:01:38L	02:01:01/02:01:26/02:01:130/02:642				
156	01:01:38L	02:01/02:629	15	57	06	07
164	01:01:38L	02:01:01	15:17:01	57:01:01	06:02:01	07:01:02
181	01:01:38L	02:01:01	15:17:01	57:01:01	06:02:01	07:01:02
194	01:01:38L	02	15	57	06	07
220	01:01P	02:01P	15	57	06	07
238	01:01:38L	02:01	15:17	57:01	06:02	07:01
260	01	02	15	57	06	07
262	01:01:38L	02:01:01	15:17:01:01	57:01:01	06:02:01:01	07:01:02
267	01	02	15	57	06	07
284	01:01:38L	02:01:01	15:17:01:01	57:01:01	06:02:01:01	07:01:01G
292	01	02	15	57	06	07
315	01:01	02:01	15:17	57:01	06:02	07:01

NEQ-129

Issue 1

UK NEQAS for H+I is provided from the Welsh Blood Service, a division of Velindre NHS Trust

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Effective Date 15/03/16

**UK NEQAS for H&I Educational Scheme**

CLASS II DNA TYPING RESULTS

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SAMPLE ED04/2017

Lab No.	DRB1*	DRB1*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Comments
12	01:01	07:01	01:03N	01:01	02:01	03:03	05:01	01:03	-	04:01	-	
15	01:01/05/07	07	01:03:01:02N	01	02	03:03/15/26	05					
20	01	07		01	02:01	03(9)	05					
23	01	07	01:03:01:02N	01	02	03	05					
24	01:01...	07	01/01N...	01	02	03:03...	05					
26	01	07				03	05					
29	01	07				03	05					
38	01:01:01	07:01:01	01:03:01N	01:01:01	02:01:01	03:03:02	05:01:01	01:03:01		04:01:01		
39	01	07	01	01	02	03:03/15/26/30/31/XX	05					Cannot exclude A*01:01:38L, A*02:01:01:02L and A*02:01:14Q
41	01:01:01	07:01:01:01/02		01:01:01	02:01:01:01	03:03:02:01	05:01:01:03					
42	01	07				03	05					
48	01	07	01:03:01:02N			03	05					
54	01	07	01	01	02	03	05					
58	01	07	01:03:01:02N	01	02	03	05	01		04		
62	01:01:01	07:01:01	01:01/03/03N/06/09/11/17/21/22/23/26/27/36/37/41/49/02:01N/03:01N			03:03:02	05:01:01					
112	01	07	+	01	02	03	05					
113	01:01:01	07:01:01	01:03:01:02N			03:03:02	05:01:01					
130	01:01:01	07:01:01				03:03:02:01	05:01:01:03					
132	01:01:01	07:01:01:01/07:01:01:02		01:01:01:01/01:01:01:03	02:01:01:02					04:01:01:01	04:01:01:06	DQB1 typing failed and as it was not one of the loci of interest was not repeated
133	01:01	07:01				03:03:02	05:01:01					
142	01	07	01:03:01:02N	01	02	03	05	01	01	04:01		
156	01	07				03	05					
164	01:01:01	07:01:01				03:03:02	05:01:01					
181	01:01:01	07:01:01	01:03:01:02N	01:01:01	02:01:01	03:03:02	05:01:01			04:01:01	04:01:01	
194	01	07		01	02:01	03	05					
220	01	07	01N			03	05					
238	01:01	07:01		01:01	02:01	03:03	05:01			04:01		
260	01	07		01	02	03	05					
262	01:01:01	07:01:01		01:01:01	02:01:01	03:03:02	05:01:01			04:01:01	04:01:01	
267	01	07				03	05					
284	01:01:01	07:01:01										
292	01	07	01	01	02	03	05					
315	01:01	07:01		01	02:01	03:03	05:01					