

**UK NEQAS for H&I Scheme 4A1 - DNA HLA Typing at 1st Field Resolution**

METHODOLOGY SSP = PCR-SSP, SSOP = PCR-SSOP, revSSOP= reverse SSOP, LUM = Lumindex

SAMPLES 4A1 06 - 10/2015

DESPATCHED ON 02ND JUNE 2015

Lab No.	Date received	Date tested	Method used	HLA-A	HLA-B	HLA-C	DRB1	DRB3,4,5	DQA1	DQB1	DPA1	Source of Primers and Probes			Kit manufacturer	Detection method	Comments
												Commercial Kits	Own Design	Other			
6	03-Jun	03-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
9	04-Jun	04-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda, Invitrogen	Fluorescence		
11	03-Jun	11-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes	Yes		Gel		
12	02-Jun	15-Jun	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	Yes		One Lambda	Fluorescence		
14	05-Jun	05-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM	LUM	Yes		One Lambda	Fluorescence		
15	03-Jun	22-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Biorad, Olerup	Gel		
16	03-Jun	10-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM	SSP/LUM	Yes		Innotrain, Immucor	Gel		
19	03-Jun	11-Jun	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	Yes	Yes	NT	Gel/Fluorescence		
20	03-Jun	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Yes	Yes	NT	NT	Insufficient DNA obtained to perform requested tests of all five samples	
23	04-Jun	29-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM	LUM	Yes	Yes	One Lambda	Gel/Fluorescence		
24	05-Jun	09-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Olerup, Innotrain	Gel		
25	05-Jun	09-Jun	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	Yes		Immucor	Fluorescence		
26	05-Jun	11-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM	SSP/LUM	Yes		One Lambda	Gel/Fluorescence		
28	03-Jun	19-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	Yes		Life technologies, One Lambda	Gel/Fluorescence		
29	04-Jun	11-Jun	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	Yes		BAG, Olerup	Gel, Histospot reverse dot blot		
34	03-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM	SSP/LUM	Yes		Innotrain, One Lambda	Gel/Fluorescence		
35	04-Jun	26-Jun	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	Yes		Life technologies, One Lambda	Gel/Fluorescence		
38	04-Jun	17-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	Yes		BAG, One Lambda	Fluorescence		
39	04-Jun	05-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	SSP	Yes		Invitrogen, One Lambda	Gel/Fluorescence		
41	03-Jun	24-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
42	05-Jun	05-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
45	03-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes	Yes		Gel		
48	11-Jun	29-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes	Yes	Life technologies	Gel		
51	03-Jun	10-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
54	03-Jun	23-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	SSP/LUM	LUM	Yes		Immucor, Biotortuna	Fluorescence		
58	03-Jun	04-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
62	03-Jun	25-Jun	SBT	SBT	SBT	SBT	SBT	SBT	SBT	SBT	SBT	Yes		Life technologies	Gel/Fluorescence		
78	05-Jun	16-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Rose	Gel		
86	11-Jun	16-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Lifecodes	Fluorescence		
100	03-Jun	11-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
103	03-Jun	16-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Olerup	Fluorescence		
108	04-Jun	11-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Olerup, One Lambda	Gel		
109	03-Jun	17-Jun	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	Yes		Diaplex, Fluorescence	Gel		
112	04-Jun	05-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		CTS, BioRad	Gel		
115	03-Jun	04-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Olerup	Gel		
119	03-Jun	10-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM	SSP/LUM	Yes		BioRad, Invitrogen, One Lambda	Gel/Fluorescence		
123	03-Jun	10-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		One Lambda	Gel/Fluorescence		
127	03-Jun	04-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
128	03-Jun	08-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Gel/Fluorescence		
130	03-Jun	09-Jun	SSP/LUM/Q-PCR	SSP/LUM/Q-PCR	SSP/LUM/Q-PCR	SSP/LUM/Q-PCR	SSP/LUM/Q-PCR	SSP/LUM/Q-PCR	SSP/LUM/Q-PCR	SSP/LUM/Q-PCR	SSP/LUM/Q-PCR	Yes		Olerup, One Lambda, Linkage Biosciences	Gel/Fluorescence		
132	03-Jun	18-Jun	SSP/SSOP/NGS	SSP/SSOP/NGS	SSP/SSOP/NGS	SSP/SSOP/NGS	SSP/SSOP/NGS	SSP/SSOP/NGS	SSP/SSOP/NGS	SSP/SSOP/NGS	SSP/SSOP/NGS	Yes		Olerup, Immucor, Omixon	Gel, Fluorescence, Lumindex, Illumina Miseq		
133	04-Jun	23-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
141	03-Jun	23-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Olerup	Gel		
142	03-Jun	05-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Ingen, One Lambda	Fluorescence		
149	04-Jun	05-Jun	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	Yes		Protrans, Innotrain, One Lambda	Gel		
155	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	Yes		Olerup, GenProbe	Gel		
156	03-Jun	June	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	Yes		Olerup, One Lambda	Gel		
159	04-Jun	11-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
164	08-Jun	19-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Olerup	Gel		
172	04-Jun	19-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Olerup	Gel		
183	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Technical fault	
185	03-Jun	11-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
189	04-Jun	05-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
190	03-Jun	10-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		One Lambda, Invitrogen	Gel		
195	08-Jun	16-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
197	04-Jun	17-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
205	03-Jun	10-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes			Gel		
207	05-Jun	11-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Innotrain, Biotortuna	Gel		
210	04-Jun	09-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
211	04-Jun	09-Jun	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	Yes		Genosae	Fluorescence		
212	04-Jun	10-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
213	19-Jun	23-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Lifecodes	Fluorescence		
214	05-Jun	06-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
215	11-Jun	30-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
216	04-Jun	08-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
217	June	20-Jun	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	Yes		Tepnel	Lumindex SSO		
222	08-Jun	12-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		One Lambda	Gel		
223	04-Jun	10-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Olerup	Gel		
225	08-Jun	16-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Olerup	Gel		
229	06-Jun	24-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
230	04-Jun	10-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		GenProbe	Fluorescence		
231	04-Jun	08-Jun	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	Yes		Immucor	Fluorescence		
232	08-Jun	17-Jun	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	Yes		Lifecodes	Gel/Fluorescence		
239	04-Jun	05-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Qiagen	Gel		
240	02-Jun	03-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		GenProbe	Fluorescence		
241	04-Jun	11-Jun	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	Yes		Immucor	Fluorescence		
242	04-Jun	09-Jun	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	Yes		Immucor, Olerup	Gel/Fluorescence		
244	03-Jun	22-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes	Yes	Olerup, Invitrogen	Gel		
245	03-Jun	16-Jun	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	Yes		Olerup, BAG, Invitrogen	Gel/MR Spot processor		
248	03-Jun	26-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Olerup	Fluorescence		
252	02-Jun	16-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
254	04-Jun	11-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Lifecodes	Fluorescence		
258	08-Jun	18-Jun	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	Yes		Tepnel	Fluorescence		
259	04-Jun	08-Jun	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	Yes		Immucor	Fluorescence		
260	04-Jun	08-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
264	08-Jun	17-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Lifecodes	Fluorescence		
266	04-Jun	04-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes			Gel		
267	08-May	08-May	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
268	08-Jun	12-Jun	SSP/LUM/Melting Curve	SSP/LUM/Melting Curve	SSP/LUM/Melting Curve	SSP/LUM/Melting Curve	SSP/LUM/Melting Curve	SSP/LUM/Melting Curve	SSP/LUM/Melting Curve	SSP/LUM/Melting Curve	SSP/LUM/Melting Curve	Yes		One Lambda, Olerup, Melting Curve	Gel/Fluorescence		
273	03-Jun	09-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	Yes		SSP/LUM	Gel/Fluorescence		
281	03-Jun	10-Jun										Yes		One Lambda	Fluorescence		
300	11-Jun	22-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP	Yes		Innotrain	Gel		
301	04-Jun	05-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
302	04-Jun	19-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		Immucor	Fluorescence		
304	04-Jun	10-Jun	LUM	LUM	LUM												

**UK NEQAS for H&I Scheme 4A1 - DNA HLA Typing at 1st Field Resolution**

CLASS II RESULTS

SAMPLES 4A1 06/2015 DESPATCHED ON 02ND JUNE 2015

Lab No.	DRB1*	DRB3*/4*/5*	DQA1*	DQB1*	DPA1*	DRB1*	DRB1*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*
6	1st field	1st field	1st field	1st field	1st field	01	01	01	01	05	05	01	01
9	1st field	Presence	1st field	1st field		01		01		05			
11	1st field	Presence		1st field		01				05			
12	1st field	1st field	1st field	1st field		01				05			
14	1st field	1st field	1st field	1st field	1st field	01		01		05		01	
15	1st field	Presence	1st field	1st field		01		01		05			
16	1st field	1st field	1st field	1st field		01				05			
19	1st field	1st field	1st field	1st field		01		01		05			
20	1st field	Presence	1st field	1st field		NT	NT	NT	NT	NT	NT		
23	1st field	Presence		1st field		01		01		05			
24	1st field	1st field	1st field	1st field		01				05			
25	1st field	1st field		1st field		01				05			
26	1st field		1st field	1st field		01		01		05			
28	1st field	Presence	1st field	1st field	1st field	01		01		05		01	
29	1st field		1st field	1st field		01		01		05			
34	1st field	Presence	1st field	1st field		01		01		05			
35	1st field	1st field	1st field	1st field		01		01		05			
38	1st field	Presence	1st field	1st field		01		01		05		01	
39	1st field	Presence		1st field	1st field	01				05		01	
41	1st field	Presence		1st field		01				05			
42	1st field	1st field	1st field	1st field	1st field	01		01		05		01	
45	1st field	Presence	1st field	1st field		01		01		05			
48	1st field	1st field	1st field	1st field		01		01		05			
51	1st field	Presence		1st field		01				05			
54	1st field	1st field	1st field	1st field		01		01		05		01	
58	1st field	1st field	1st field	1st field		01		01		05			
62	1st field	Presence		1st field		01				05			
78	1st field			1st field		01				05			
86	1st field	1st field	1st field	1st field		01	01			05	05		
100	1st field	1st field	1st field	1st field		01	01			05	05		
103	1st field					01	01						
108	1st field	Presence		1st field		01				05			
109	1st field			1st field		01				05			
112	1st field	Presence		1st field		01				05			
115	1st field	Presence		1st field		01				05			
119	1st field		1st field	1st field		01		01		05			
123	1st field	Presence		1st field		01				05			
127	1st field	1st field	1st field	1st field		01	01	01	01	05	05		
128	1st field			1st field		01				05			
130	1st field			1st field		01		01		05		01	
132	1st field	Presence		1st field		01				05			
133	1st field			1st field		01				05			
141	1st field	Presence		1st field		01				05			
142	1st field			1st field		01	01	01	01	05	05		
149	1st field	Presence		1st field		01				05			
155	1st field			1st field		01	01			05	05		
156	1st field	Presence	1st field	1st field		01		01		05			
159	1st field			1st field		01				05			
164	1st field			1st field		01				05			
172	1st field		1st field	1st field		01	01	01	01	05	05		
183	1st field			1st field		NT	NT	NT	NT	NT	NT	NT	NT
185	1st field			1st field		01				05			
189	1st field			1st field		01	16			05	05		
190	1st field	Presence		1st field		01				05			
195	1st field			1st field		01				05			
197	1st field	Presence		1st field		01	01			05	05		
205	1st field			1st field		01	01			05	05		
207	1st field			1st field		01				05			
210	1st field			1st field		01	01			05	05		
211	1st field					NT	NT						
212	1st field			1st field		01	01			05	05		
213	1st field			1st field		01	01			05	05		
214	1st field			1st field		01	01			05	05		
215	1st field					01	01						
216	1st field			1st field		01	01			05	05		
217	1st field			1st field		01	01			05	05		
222	1st field					01	01						
223	1st field			1st field		01				05			
225	1st field			1st field		01				05			
229	1st field			1st field		01	01			05	05		
230	1st field			1st field		01	01			05	05		
231	1st field	Presence		1st field		01	01			05	05		
232	1st field			1st field		01				05			
239	1st field	Presence		1st field		01				05			
240	1st field			1st field		01	01			05	05		
241	1st field			1st field		01	01			05	05		
242	1st field			1st field		01				05			
244	1st field	Presence	1st field	1st field		01	01	01	01	05	05		
245	1st field		1st field	1st field		01	01	01	01	05	05		
248	1st field			1st field		01	01			05	05		
252	1st field					01	01						
254	1st field			1st field		01	01			05	05		
258	1st field			1st field		01	01			05	05		
259	1st field			1st field		01				05			
260	1st field			1st field		01				05			
264	1st field					01	01			05	05		
267	1st field			1st field		01	01			05	05		
268	1st field	Presence		1st field		01				05			
273	1st field			1st field		01				05			
281			1st field					01	01				
300	1st field	Presence				01							
301	1st field	Presence		1st field		01	01			05	05		
302	1st field			1st field		01	01			05	05		
304	1st field			1st field		01				05			
318	1st field			1st field		01	01			05	05		
322	1st field			1st field		01	01			05	05		
323	1st field		1st field	1st field		01		01		05			
327	1st field	Presence		1st field		01				05			
331	1st field					01	01			05	05		

**UK NEQAS for H&I Scheme 4A1 - DNA HLA Typing at 1st Field Resolution**

CLASS II RESULTS

SAMPLES 4A1 07/2015 DESPATCHED ON 02ND JUNE 2015

Lab No.	DRB1*	DRB3*/4*/5*	DQA1*	DQB1*	DPA1*	DRB1*	DRB1*	DRB5*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*
6	1st field	1st field	1st field	1st field	1st field	15	15	01:01	01:01	01	01	06	06	01	01
9	1st field	Presence	1st field	1st field		15		+		01		06			
11	1st field	Presence		1st field		15		+				06			
12	1st field	1st field	1st field	1st field		15		01				06			
14	1st field	1st field	1st field	1st field	1st field	15		01		01		06		01	
15	1st field	Presence	1st field	1st field		15		+		01		06			
16	1st field	1st field	1st field	1st field		15		01		01		06			
19	1st field	1st field	1st field	1st field		15		01		01		06			
20	1st field	Presence	1st field	1st field		15	NT	NT	NT	NT	NT	06	NT		
23	1st field	Presence		1st field		15		+		01		06			
24	1st field	1st field	1st field	1st field		15		01				06			
25	1st field	1st field		1st field		15		01				06			
26	1st field		1st field	1st field		15				01		06			
28	1st field	Presence		1st field	1st field	15	15	+		01		06	06	01	
29	1st field		1st field	1st field		15				01		06			
34	1st field	Presence	1st field	1st field		15		+		01		06			
35	1st field	1st field	1st field	1st field		15		01		01		06			
38	1st field	Presence	1st field	1st field		15		+		01		06		01	
39	1st field	Presence		1st field	1st field	15		+				06		01	
41	1st field	Presence		1st field		15		+				06			
42	1st field	1st field	1st field	1st field	1st field	15		01		01		06		01	
45	1st field	Presence	1st field	1st field		15		+		01		06			
48	1st field	1st field	1st field	1st field		15		01		01		06			
51	1st field	Presence		1st field		15		+				06			
54	1st field	1st field	1st field	1st field		15		01		01		06		01	
58	1st field	1st field	1st field	1st field		15		01		01		06			
62	1st field	Presence		1st field		15		+				06			
78	1st field		1st field	1st field		15						06			
86	1st field	1st field	1st field	1st field		15	15	01	01			06	06		
100	1st field	1st field	1st field	1st field		15	15	01	01			06	06		
103	1st field					15	15								
108	1st field	Presence		1st field		15		+				06			
109	1st field			1st field		15						06			
112	1st field	Presence		1st field		15		+				06			
115	1st field	Presence		1st field		15		+				06			
119	1st field		1st field	1st field		15				01		06			
123	1st field	Presence		1st field		15		+				06			
127	1st field	1st field	1st field	1st field		15	15	01	01	01	01	06	06		
128	1st field			1st field		15						06			
130	1st field			1st field		15		01		01		06		01	
132	1st field	Presence		1st field		15		+				06			
133	1st field			1st field		15						06			
141	1st field	Presence		1st field		15		+				06			
142	1st field			1st field		15	15			01	01	06	06		
149	1st field	Presence		1st field		15		+				06			
155	1st field			1st field		15	15					06	06		
156	1st field	Presence	1st field	1st field		15		+		01		06			
159	1st field			1st field		15						06			
164	1st field			1st field		15		+				06			
172	1st field		1st field	1st field		15	15			01	01	06	06		
183	1st field			1st field		15	NT	NT	NT	NT	NT	06	06	NT	NT
185	1st field			1st field		15						06			
189	1st field			1st field		15	15					06	06		
190	1st field	Presence		1st field		15		+				06			
195	1st field			1st field		15						06			
197	1st field	Presence		1st field		15	15	+				06	06		
205	1st field			1st field		15	15	+				06	06		
207	1st field			1st field		15						06			
210	1st field			1st field		15	15					06	06		
211	1st field					15	NT	NT							
212	1st field			1st field		15	15					06	06		
213	1st field			1st field		15	15					06	06		
214	1st field			1st field		15	15					06	06		
215	1st field					15	15								
216	1st field			1st field		15	15					06	06		
217	1st field			1st field		15	15					06	06		
222	1st field					15	15								
223	1st field			1st field		15						06			
225	1st field			1st field		15						06			
229	1st field			1st field		15	15					06	06		
230	1st field			1st field		15	15					06	06		
231	1st field	Presence		1st field		15	15	+				06	06		
232	1st field	1st field	1st field	1st field		15		01				06			
239	1st field	Presence		1st field		15		+				06			
240	1st field			1st field		15	15					06	06		
241	1st field			1st field		15	15					06	06		
242	1st field			1st field		15						06			
244	1st field	Presence	1st field	1st field		15	15	+		01	01	06	06		
245	1st field		1st field	1st field		15	15			01	01	06	06		
248	1st field			1st field		15	15					06	06		
252	1st field					15	15								
254	1st field			1st field		15	15					06	06		
258	1st field			1st field		15	15					06	06		
259	1st field			1st field		15						06			
260	1st field			1st field		15						06			
264	1st field			1st field		15	15					06	06		
267	1st field			1st field		15	15					06	06		
268	1st field	Presence		1st field		15		+				06			
273	1st field			1st field		15						06			
281			1st field							01	01				
300	1st field	Presence				15		+							
301	1st field	Presence		1st field		15	15	+				06	06		
302	1st field			1st field		15	15					06	06		
304	1st field			1st field		15						06			
318	1st field			1st field		15	15					06	06		
322	1st field			1st field		15	15					06	06		
323	1st field		1st field	1st field		15				01		06			
327	1st field	Presence		1st field		15		+				06			
331	1st field					15	15					06	06		

**UK NEQAS for H&I Scheme 4A1 - DNA HLA Typing at 1st Field Resolution**

CLASS II RESULTS

SAMPLES 4A1 08/2015 DESPATCHED ON 02ND JUNE 2015

Lab No.	DRB1*	DRB3*/4*/5*	DQA1*	DQB1*	DPA1*	DRB1*	DRB1*	DRB3*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*
6	1st field	1st field	1st field	1st field	1st field	03	12	01	02	05	05	02	03	01	02
9	1st field	Presence	1st field	1st field		03	12	+		05		02	03		
11	1st field	Presence		1st field		03	12	+				02	03		
12	1st field	1st field	1st field	1st field		03	12	01	02			02	03		
14	1st field	1st field	1st field	1st field	1st field	03	12	01	02	05		02	03	01	
15	1st field	Presence	1st field	1st field		03	12	+	+	05	05	02	03		
16	1st field	1st field	1st field	1st field		03	12	01	02	05		02	03		
19	1st field	1st field	1st field	1st field		03	12	01	02	05		02	03		
20	1st field	Presence	1st field	1st field		03	12	NT	NT	NT	NT	NT	NT		
23	1st field	Presence		1st field		03	12	+	+	05		02	03		
24	1st field	1st field	1st field	1st field		03	12	01	02			02	03		
25	1st field	1st field		1st field		03	12	01	02			02	03		
26	1st field		1st field	1st field		03	12			05	05	02	03		
28	1st field	Presence	1st field	1st field	1st field	03	12	+		05	05	02	03	01	02
29	1st field		1st field	1st field		03	12			05	05	02	03		
34	1st field	Presence	1st field	1st field		03	12	+		05		02	03		
35	1st field	1st field	1st field	1st field		03	12	01	02	05		02	03		
38	1st field	Presence	1st field	1st field		03	12	+	+	05		02	03	01	02
39	1st field	Presence		1st field	1st field	03	12	+				02	03	01	02
41	1st field	Presence		1st field		03	12	+				02	03		
42	1st field	1st field	1st field	1st field	1st field	03	12	01	02	05		02	03	01	02
45	1st field	Presence	1st field	1st field		03	12	+	+	05	05	02	03		
48	1st field	1st field	1st field	1st field		03	12	01	02	05	05	02	03		
51	1st field	Presence		1st field		03	12	+				02	03		
54	1st field	1st field	1st field	1st field		03	12	01	02	05		02	03	01	02
58	1st field	1st field	1st field	1st field		03	12	01	02	05		02	03		
62	1st field	Presence		1st field		03	12	+	+			02	03		
78	1st field		1st field	1st field		03	12					02	03		
86	1st field	1st field	1st field	1st field		03	12	01	02			02	03		
100	1st field	1st field	1st field	1st field		03	12	01	02			02	03		
103	1st field					03	12								
108	1st field	Presence		1st field		03	12	+				02	03		
109	1st field			1st field		03	12					02	03		
112	1st field	Presence		1st field		03	12	+				02	03		
115	1st field	Presence		1st field		03	12	+				02	03		
119	1st field		1st field	1st field		03	12			05		02	03		
123	1st field	Presence		1st field		03	12	+				02	03		
127	1st field	1st field	1st field	1st field		03	12	01	02	05	05	02	03		
128	1st field			1st field		03	12					02	03		
130	1st field			1st field		03	12	01	02	05		02	03	01	02
132	1st field	Presence		1st field		03	12	+				02	03		
133	1st field			1st field		03	12					02	03		
141	1st field	Presence		1st field		03	12	+				02	03		
142	1st field			1st field		03	12			05	05	02	03		
149	1st field	Presence		1st field		03	12	+				02	03		
155	1st field			1st field		03	12					02	03		
156	1st field	Presence	1st field	1st field		03	12	+		05		02	03		
159	1st field			1st field		03	12					02	03		
164	1st field			1st field		03	12	+				02	03		
172	1st field		1st field	1st field		03	12			05	05	02	03		
183	1st field			1st field		03	12	NT	NT	NT	NT	NT	NT	NT	NT
185	1st field			1st field		03	12					02	03		
189	1st field			1st field		03	12					02	03		
190	1st field	Presence		1st field		17	12	+				02	07		
195	1st field			1st field		03	12					02	03		
197	1st field	Presence		1st field		03	12	+				02	03		
205	1st field			1st field		03	12	+				02	03		
207	1st field			1st field		03	12					02	03		
210	1st field			1st field		03	12					02	03		
211	1st field					03	12	NT	NT						
212	1st field			1st field		03	12					02	03		
213	1st field			1st field		03	12					02	03		
214	1st field			1st field		03	12					02	03		
215	1st field					03	12								
216	1st field			1st field		03	12					02	03		
217	1st field			1st field		03	12					02	03		
222	1st field					03	12								
223	1st field			1st field		03	12					02	03		
225	1st field			1st field		03	12					02	03		
229	1st field			1st field		03	12					02	03		
230	1st field			1st field		03	12					02	03		
231	1st field	Presence		1st field		03	12	+				02	03		
232	1st field	1st field	1st field	1st field		03	12	01	02			02	03		
239	1st field	Presence		1st field		03	12	+				02	03		
240	1st field			1st field		03	12					02	03		
241	1st field			1st field		03	12					02	03		
242	1st field			1st field		03	12					02	03		
244	1st field	Presence	1st field	1st field		03	12	+		05	05	02	03		
245	1st field		1st field	1st field		03	12			05	05	02	03		
248	1st field			1st field		03	12					02	03		
252	1st field					03	12								
254	1st field			1st field		03	12					02	03		
258	1st field			1st field		03	12					02	03		
259	1st field			1st field		03	12					02	03		
260	1st field			1st field		03	12					02	03		
264	1st field					03	12					02	03		
267	1st field			1st field		03	12					02	03		
268	1st field	Presence		1st field		03	12	+				02	03		
273	1st field			1st field		03	12					02	03		
281			1st field							05	05				
300	1st field	Presence				03	12	+							
301	1st field	Presence		1st field		03	12	+				02	03		
302	1st field			1st field		03	12					02	03		
304	1st field			1st field		03	12					02	03		
318	1st field			1st field		03	12					02	03		
322	1st field			1st field		03	12					02	03		
323	1st field		1st field	1st field		03	12			05	05	02	03		
327	1st field	Presence		1st field		03	12	+				02	03		
331	1st field					03	12					02	03		

**UK NEQAS for H&I Scheme 4A1 - DNA HLA Typing at 1st Field Resolution**

CLASS II RESULTS

SAMPLES 4A1 09/2015 DESPATCHED ON 02ND JUNE 2015

Lab No.	DRB1*	DRB3*/4*/5*	DQA1*	DQB1*	DPA1*	DRB1*	DRB1*	DRB3*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*
6	1st field	1st field	1st field	1st field	1st field	12	12	02	02	05	05	03	03	01	01
9	1st field	Presence	1st field	1st field		12		+		05		03			
11	1st field	Presence		1st field		12		+				03			
12	1st field	1st field	1st field	1st field		12		02				03			
14	1st field	1st field	1st field	1st field	1st field	12		02		05		03		01	
15	1st field	Presence	1st field	1st field		12		+		05		03			
16	1st field	1st field	1st field	1st field		12		02		05		03			
19	1st field	1st field	1st field	1st field		12		02		05		03			
20	1st field	Presence	1st field	1st field		12	NT	NT	NT	NT	NT	NT	NT		
23	1st field	Presence		1st field		12		+		05		03			
24	1st field	1st field	1st field	1st field		12		02				03			
25	1st field	1st field		1st field		12		02				03			
26	1st field		1st field	1st field		12				05		03			
28	1st field	Presence	1st field	1st field	1st field	12	12	+		05		03	03	01	
29	1st field		1st field	1st field		12				05		03			
34	1st field	Presence	1st field	1st field		12		+		05		03			
35	1st field	1st field	1st field	1st field		12		02		05		03		NT	NT
38	1st field	Presence	1st field	1st field		12		+		05		03		01	
39	1st field	Presence		1st field	1st field	12		+				03		01	
41	1st field	Presence		1st field		12		+				03			
42	1st field	1st field	1st field	1st field	1st field	12		02		05		03		01	
45	1st field	Presence	1st field	1st field		12		+		05		03			
48	1st field	1st field	1st field	1st field		12		02		05		03			
51	1st field	Presence		1st field		12		+				03			
54	1st field	1st field	1st field	1st field		12		02		05		03		01	
58	1st field	1st field	1st field	1st field		12		02		05		03			
62	1st field	Presence		1st field		12		02				03			
78	1st field		1st field	1st field		12						03			
86	1st field	1st field	1st field	1st field		12	12	02	02			03	03		
100	1st field	1st field	1st field	1st field		12	12	02	02			03	03		
103	1st field					12	12								
108	1st field	Presence		1st field		12		+				03			
109	1st field			1st field		12						03			
112	1st field	Presence		1st field		12		+				03			
115	1st field	Presence		1st field		12		+				03			
119	1st field		1st field	1st field		12				05		03			
123	1st field	Presence		1st field		12		+				03			
127	1st field	1st field	1st field	1st field		12	12	02	02	05	05	03	03		
128	1st field			1st field		12						03			
130	1st field			1st field		12		02		05		03		01	
132	1st field	Presence		1st field		12		+				03			
133	1st field			1st field		12						03			
141	1st field	Presence		1st field		12		+				03			
142	1st field			1st field		12	12			05	05	03	03		
149	1st field	Presence		1st field		12		+				03			
155	1st field			1st field		12	12					03	03		
156	1st field	Presence	1st field	1st field		12		+		05		03			
159	1st field			1st field		12						03			
164	1st field			1st field		12		+				03			
172	1st field		1st field	1st field		12	12			05	05	03	03		
183	1st field			1st field		12	NT	NT	NT	NT	NT	NT	NT	NT	NT
185	1st field			1st field		12						03			
189	1st field			1st field		12	12					03	03		
190	1st field	Presence		1st field		12		+				07			
195	1st field			1st field		12						03			
197	1st field	Presence		1st field		12	12	+				03	03		
205	1st field			1st field		12	12	+				03	03		
207	1st field			1st field		12						03			
210	1st field			1st field		12	12					03	03		
211	1st field					12	NT	NT							
212	1st field			1st field		12	12					03	03		
213	1st field			1st field		12	12					03	03		
214	1st field			1st field		12	12					03	03		
215	1st field					12	12								
216	1st field			1st field		12	12					03	03		
217	1st field			1st field		12	12					03	03		
222	1st field					12	12								
223	1st field			1st field		12						03			
225	1st field			1st field		12						03			
229	1st field			1st field		12	12					03	03		
230	1st field			1st field		12	12					03	03		
231	1st field	Presence		1st field		12	12	+				03	03		
232	1st field	1st field		1st field		12		02				03			
239	1st field	Presence		1st field		12		+				03			
240	1st field			1st field		12	12					03	03		
241	1st field			1st field		12	12					03	03		
242	1st field			1st field		12						03			
244	1st field	Presence	1st field	1st field		12	12	+		05	05	03	03		
245	1st field		1st field	1st field		12	12			05	05	03	03		
248	1st field			1st field		12	12					03	03		
252	1st field					12	12								
254	1st field			1st field		12	12					03	03		
258	1st field			1st field		12	12					03	03		
259	1st field			1st field		12						03			
260	1st field			1st field		12						03			
264	1st field			1st field		12	12					03	03		
267	1st field			1st field		12	12					03	03		
268	1st field	Presence		1st field		12		+				03			
273	1st field			1st field		12						03			
281			1st field							05	05				
300	1st field	Presence				12		+							
301	1st field	Presence		1st field		12	12	+				03	03		
302	1st field			1st field		12	12					03	03		
304	1st field			1st field		12						03			
318	1st field			1st field		12	12					03	03		
322	1st field			1st field		12	12					03	03		
323	1st field		1st field	1st field		12				05		03			
327	1st field	Presence		1st field		12		+				03			
331	1st field					12	12					03	03		

**UK NEQAS for H&I Scheme 4A1 - DNA HLA Typing at 1st Field Resolution**

CLASS II RESULTS

SAMPLES 4A1 10/2015 DESPATCHED ON 02ND JUNE 2015

Lab No.	DRB1*	DRB3*/4*/5*	DQA1*	DQB1*	DPA1*	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*
6	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03:01	05	03	03	01	01
9	1st field	Presence	1st field	1st field		04	11	+	+	03	05	03	03		
11	1st field	Presence	1st field	1st field		04	11	+	+			03	03		
12	1st field	1st field	1st field	1st field		04	11	02	01			03			
14	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03	03	01	
15	1st field	Presence	1st field	1st field		04	11	+	+	03	05	03	03		
16	1st field	1st field	1st field	1st field		04	11	02	01	03	05	03			
19	1st field	1st field	1st field	1st field		04	11	02	01		05	03	03		
20	1st field	Presence	1st field	1st field		04	11	NT	NT	NT	NT	NT	NT		
23	1st field	Presence	1st field	1st field		04	11	02	01	03	05	03			
24	1st field	1st field	1st field	1st field		04	11	02	01			03	03		
25	1st field	1st field	1st field	1st field		04	11	02	01			03	03		
26	1st field		1st field	1st field		04	11			03	05	03	03		
28	1st field	Presence	1st field	1st field	1st field	04	11	02	01	03	05	03	03	01	
29	1st field		1st field	1st field		04	11			03	05	03	03		
34	1st field	Presence	1st field	1st field		04	11	+	+	03	05	03			
35	1st field	1st field	1st field	1st field		04	11	02	01	03	05	03	03		
38	1st field	Presence	1st field	1st field		04	11	+	+	03	05	03	03	01	
39	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03	03	01	
41	1st field	Presence	1st field	1st field		04	11	+	+			03	03		
42	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03	03	01	
45	1st field	Presence	1st field	1st field		04	11	+	+	03	05	03	03		
48	1st field	1st field	1st field	1st field		04	11	02	01	03	05	03	03		
51	1st field	Presence	1st field	1st field		04	11	+	+			03			
54	1st field	1st field	1st field	1st field		04	11	02	01	03	05	03		01	
58	1st field	1st field	1st field	1st field		04	11	02	01	03	05	03	03		
62	1st field	Presence	1st field	1st field		04	11	+	+			03			
78	1st field		1st field	1st field		04	11					03	03		
86	1st field	1st field	1st field	1st field		04	11	02	01			03	03		
100	1st field	1st field	1st field	1st field		04	11	02	01			03	03		
103	1st field					04	11								
108	1st field	Presence		1st field		04	11	+	+			03			
109	1st field			1st field		04	11					03			
112	1st field	Presence		1st field		04	11	+	+			03	03		
115	1st field	Presence		1st field		04	11	+	+			03	03		
119	1st field		1st field	1st field		04	11			03	05	03			
123	1st field	Presence		1st field		04	11	+	+			03			
127	1st field	1st field	1st field	1st field		04	11	02	01	03	05	03	03		
128	1st field			1st field		04	11					03	03		
130	1st field			1st field		04	11	02	01	03	05	03		01	
132	1st field	Presence		1st field		04	11	+	+			03			
133	1st field			1st field		04	11					03	03		
141	1st field	Presence		1st field		04	11	+	+			03			
142	1st field			1st field		04	11			03	05	03	03		
149	1st field	Presence		1st field		04	11	+	+			03	03		
155	1st field			1st field		04	11					03	03		
156	1st field	Presence	1st field	1st field		04	11	+	+	03	05	03			
159	1st field			1st field		04	11					03	03		
164	1st field			1st field		04	11	+	+			03	03		
172	1st field		1st field	1st field		04	11			03	05	03	03		
183	1st field			1st field		04	11	NT	NT	NT	NT	NT	NT	NT	NT
185	1st field			1st field		04	11					03	03		
189	1st field			1st field		04	11					03	03		
190	1st field	Presence		1st field		04	11	+	+			07	08		
195	1st field			1st field		04	11					03	03		
197	1st field	Presence		1st field		04	11	+	+			03	03		
205	1st field			1st field		04	11	+	+			03	03		
207	1st field			1st field		04	11					03			
210	1st field			1st field		04	11					03	03		
211	1st field					04	11	NT	NT						
212	1st field			1st field		04	11					03	03		
213	1st field			1st field		04	11					03	03		
214	1st field			1st field		04	11					03	03		
215	1st field					04	11								
216	1st field			1st field		04	11					03	03		
217	1st field			1st field		04	11					03	03		
222	1st field					04	11								
223	1st field			1st field		04	11					03	03		
225	1st field			1st field		04	11					03	03		
229	1st field			1st field		04	11					03	03		
230	1st field			1st field		04	11					03	03		
231	1st field	Presence		1st field		04	11	+	+			03	03		
232	1st field	1st field		1st field		04	11	02	01			03			
239	1st field	Presence		1st field		04	11	+	+			03			
240	1st field			1st field		04	11					03	03		
241	1st field			1st field		04	11					03	03		
242	1st field			1st field		04	11					03			
244	1st field	Presence	1st field	1st field		04	11	+	+	03	05	03	03		
245	1st field		1st field	1st field		04	11			03	05	03	03		
248	1st field			1st field		04	11					03	03		
252	1st field					04	11								
254	1st field			1st field		04	11					03	03		
258	1st field			1st field		04	11					03	03		
259	1st field			1st field		04	11					03			
260	1st field			1st field		04	11					03			
264	1st field					04	11					03	03		
267	1st field			1st field		04	11					03	03		
268	1st field	Presence		1st field		04	11	+	+			03	03		
273	1st field			1st field		04	11					03	03		
281			1st field							03	05				
300	1st field	Presence				04	11	+	+						
301	1st field	Presence		1st field		04	11	+	+			03	03		
302	1st field			1st field		04	11					03	03		
304	1st field			1st field		04	11					03	03		
318	1st field			1st field		04	11					03	03		
322	1st field			1st field		04	11					03	03		
323	1st field			1st field		04	11			03	05	03	03		
327	1st field	Presence		1st field		04	11	+	+			03	03		
331	1st field					04	11					03	03		

**UK NEQAS for H&I Scheme 4A1 - DNA HLA Typing at 1st Field Resolution**

CLASS II RESULTS FOR ASSESSMENT

SAMPLES 4A1 06/2015 DESPATCHED ON 02ND JUNE 2015

Lab No.	DRB1* 98	DRB3*/4*/5* 17 29	DQA1* 25	DQB1* 90	DPA1* 5	DRB1*	DRB1*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	Acceptable Unacceptable
						01	01/blank 16	01	01/blank	05	05/blank	01	01/blank	
<b>Result Summary</b>														
Number Acceptable 1st field						96	94	24	24	88	88	5	5	
Number Acceptable Presence						—	—	—	—	—	—	—	—	
Number Unacceptable Presence						0	1	0	0	0	0	0	0	
Number NT						3	3	1	1	2	2	0	0	
6	1st field	1st field	1st field	1st field	1st field	01	01	01	01	05	05	01	01	
9	1st field	Presence	1st field	1st field	1st field	01		01		05				
11	1st field	Presence	1st field	1st field	1st field	01				05				
12	1st field	1st field	1st field	1st field	1st field	01				05				
14	1st field	1st field	1st field	1st field	1st field	01		01		05		01		
15	1st field	Presence	1st field	1st field	1st field	01		01		05				
16	1st field	1st field	1st field	1st field	1st field	01				05				
19	1st field	1st field	1st field	1st field	1st field	01		01		05				
20	1st field	Presence	1st field	1st field	1st field	NT	NT	NT	NT	NT	NT			
23	1st field	Presence	1st field	1st field	1st field	01				05				
24	1st field	1st field	1st field	1st field	1st field	01				05				
25	1st field	1st field	1st field	1st field	1st field	01				05				
26	1st field	1st field	1st field	1st field	1st field	01		01		05				
28	1st field	Presence	1st field	1st field	1st field	01		01		05		01		
29	1st field	1st field	1st field	1st field	1st field	01		01		05				
34	1st field	Presence	1st field	1st field	1st field	01		01		05				
35	1st field	1st field	1st field	1st field	1st field	01		01		05				
38	1st field	Presence	1st field	1st field	1st field	01		01		05				
39	1st field	Presence	1st field	1st field	1st field	01				05		01		
41	1st field	Presence	1st field	1st field	1st field	01				05				
42	1st field	1st field	1st field	1st field	1st field	01		01		05		01		
45	1st field	Presence	1st field	1st field	1st field	01		01		05				
48	1st field	1st field	1st field	1st field	1st field	01		01		05				
51	1st field	Presence	1st field	1st field	1st field	01				05				
54	1st field	1st field	1st field	1st field	1st field	01		01		05				
58	1st field	1st field	1st field	1st field	1st field	01		01		05				
62	1st field	Presence	1st field	1st field	1st field	01				05				
78	1st field	1st field	1st field	1st field	1st field	01				05				
86	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
100	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
103	1st field	1st field	1st field	1st field	1st field	01	01							
108	1st field	Presence	1st field	1st field	1st field	01				05				
109	1st field	1st field	1st field	1st field	1st field	01				05				
112	1st field	Presence	1st field	1st field	1st field	01				05				
115	1st field	Presence	1st field	1st field	1st field	01				05				
119	1st field	1st field	1st field	1st field	1st field	01		01		05				
123	1st field	Presence	1st field	1st field	1st field	01				05				
127	1st field	1st field	1st field	1st field	1st field	01	01	01	01	05	05			
128	1st field	1st field	1st field	1st field	1st field	01				05				
130	1st field	1st field	1st field	1st field	1st field	01				05				
132	1st field	Presence	1st field	1st field	1st field	01				05				
133	1st field	1st field	1st field	1st field	1st field	01				05				
141	1st field	Presence	1st field	1st field	1st field	01				05				
142	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
149	1st field	Presence	1st field	1st field	1st field	01				05				
155	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
156	1st field	Presence	1st field	1st field	1st field	01		01		05				
159	1st field	1st field	1st field	1st field	1st field	01				05				
164	1st field	1st field	1st field	1st field	1st field	01				05				
172	1st field	1st field	1st field	1st field	1st field	01	01	01	01	05	05			
183	1st field	1st field	1st field	1st field	1st field	NT	NT			NT	NT			
185	1st field	1st field	1st field	1st field	1st field	01				05				
189	1st field	1st field	1st field	1st field	1st field	01	16			05	05			
190	1st field	Presence	1st field	1st field	1st field	01				05				
195	1st field	1st field	1st field	1st field	1st field	01				05				
197	1st field	Presence	1st field	1st field	1st field	01	01			05	05			
205	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
207	1st field	1st field	1st field	1st field	1st field	01				05				
210	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
211	1st field	1st field	1st field	1st field	1st field	NT	NT							
212	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
213	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
214	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
215	1st field	1st field	1st field	1st field	1st field	01	01							
216	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
217	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
222	1st field	1st field	1st field	1st field	1st field	01	01							
223	1st field	1st field	1st field	1st field	1st field	01				05				
225	1st field	1st field	1st field	1st field	1st field	01				05				
229	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
230	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
231	1st field	Presence	1st field	1st field	1st field	01	01			05	05			
232	1st field	1st field	1st field	1st field	1st field	01				05				
239	1st field	Presence	1st field	1st field	1st field	01				05				
240	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
241	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
242	1st field	1st field	1st field	1st field	1st field	01				05				
244	1st field	Presence	1st field	1st field	1st field	01	01	01	01	05	05			
245	1st field	1st field	1st field	1st field	1st field	01	01	01	01	05	05			
248	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
252	1st field	1st field	1st field	1st field	1st field	01	01							
254	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
258	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
259	1st field	1st field	1st field	1st field	1st field	01				05				
260	1st field	1st field	1st field	1st field	1st field	01				05				
264	1st field	1st field	1st field	1st field	1st field	01	01							
267	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
268	1st field	Presence	1st field	1st field	1st field	01				05				
273	1st field	1st field	1st field	1st field	1st field	01				05				
281	1st field	1st field	1st field	1st field	1st field			01	01					
300	1st field	Presence	1st field	1st field	1st field	01								
301	1st field	Presence	1st field	1st field	1st field	01	01			05	05			
302	1st field	1st field	1st field	1st field	1st field	01	01			05	05			
304	1st field	1st field	1st field	1st field	1st field	01				05				







**UK NEQAS for H&I Scheme 4A1 - DNA HLA Typing at 1st Field Resolution**

CLASS II RESULTS FOR ASSESSMENT

SAMPLES 4A1 08/2015 DESPATCHED ON 02ND JUNE 2015

Lab No.	DRB1* 03	DRB3* 12	DRB3* 01	DRB3* 02	DQA1* 05	DQA1* 05/blank	DQB1* 02	DQB1* 03	DPA1* 01	DPA1* 02	Assessment																																																					
											Acceptable	Unacceptable																																																				
<p><b>Result Summary</b></p> <table border="1"> <tr> <td>Number Acceptable 1st field</td> <td>95</td> <td>96</td> <td>16</td> <td>16</td> <td>24</td> <td>24</td> <td>88</td> <td>87</td> <td>5</td> <td>4</td> <td></td> <td></td> </tr> <tr> <td>Number Acceptable Presence</td> <td>—</td> <td>—</td> <td>29</td> <td>29</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td></td> <td></td> </tr> <tr> <td>Number Unacceptable</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td> <td></td> <td></td> </tr> <tr> <td>Number NT</td> <td>3</td> <td>3</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>2</td> <td>2</td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> </table>													Number Acceptable 1st field	95	96	16	16	24	24	88	87	5	4			Number Acceptable Presence	—	—	29	29	—	—	—	—	—	—			Number Unacceptable	1	0	0	0	0	0	0	1	0	1			Number NT	3	3	1	1	1	1	2	2	0	0		
Number Acceptable 1st field	95	96	16	16	24	24	88	87	5	4																																																						
Number Acceptable Presence	—	—	29	29	—	—	—	—	—	—																																																						
Number Unacceptable	1	0	0	0	0	0	0	1	0	1																																																						
Number NT	3	3	1	1	1	1	2	2	0	0																																																						
Lab No.	DRB1* 98	DRB3*/4*/5* 16 30	DQA1* 25	DQB1* 90	DPA1* 5	DRB1*	DRB3*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*																																																		
6	1st field	1st field	1st field	1st field	1st field	03	12	01	02	05	05	02	03	01 02																																																		
9	1st field	Presence	1st field	1st field	1st field	03	12	+		05		02	03																																																			
11	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
12	1st field	1st field	1st field	1st field	1st field	03	12	01	02			02	03																																																			
14	1st field	1st field	1st field	1st field	1st field	03	12	01	02	05		02	03	01																																																		
15	1st field	Presence	1st field	1st field	1st field	03	12	+		05	05	02	03																																																			
16	1st field	1st field	1st field	1st field	1st field	03	12	01	02			02	03																																																			
19	1st field	1st field	1st field	1st field	1st field	03	12	01	02	05		02	03																																																			
20	1st field	Presence	1st field	1st field	1st field	NT	NT	NT	NT	NT	NT	NT	NT																																																			
23	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
24	1st field	1st field	1st field	1st field	1st field	03	12	01	02			02	03																																																			
25	1st field	1st field	1st field	1st field	1st field	03	12	01	02			02	03																																																			
26	1st field	1st field	1st field	1st field	1st field	03	12			05	05	02	03																																																			
28	1st field	Presence	1st field	1st field	1st field	03	12	+		05	05	02	03	01 02																																																		
29	1st field	1st field	1st field	1st field	1st field	03	12			05	05	02	03																																																			
34	1st field	Presence	1st field	1st field	1st field	03	12	+		05		02	03																																																			
35	1st field	1st field	1st field	1st field	1st field	03	12	01	02	05		02	03																																																			
38	1st field	Presence	1st field	1st field	1st field	03	12	+	+	05		02	03																																																			
39	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03	01 02																																																		
41	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
42	1st field	1st field	1st field	1st field	1st field	03	12	01	02	05		02	03	01 02																																																		
45	1st field	Presence	1st field	1st field	1st field	03	12	+	+	05	05	02	03																																																			
48	1st field	1st field	1st field	1st field	1st field	03	12	01	02	05	05	02	03																																																			
51	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
54	1st field	1st field	1st field	1st field	1st field	03	12	01	02	05		02	03																																																			
58	1st field	1st field	1st field	1st field	1st field	03	12	01	02	05		02	03																																																			
62	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
78	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
86	1st field	1st field	1st field	1st field	1st field	03	12	01	02			02	03																																																			
100	1st field	1st field	1st field	1st field	1st field	03	12	01	02			02	03																																																			
103	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
108	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
109	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
112	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
115	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
119	1st field	1st field	1st field	1st field	1st field	03	12			05		02	03																																																			
123	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
127	1st field	1st field	1st field	1st field	1st field	03	12	01	02	05	05	02	03																																																			
128	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
130	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
132	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
133	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
141	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
142	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
149	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
155	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
156	1st field	Presence	1st field	1st field	1st field	03	12	+		05		02	03																																																			
159	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
164	1st field	1st field	1st field	1st field	1st field	03	12	+				02	03																																																			
172	1st field	1st field	1st field	1st field	1st field	03	12			05	05	02	03																																																			
183	1st field	1st field	1st field	1st field	1st field	NT	NT					NT	NT																																																			
185	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
189	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
190	1st field	Presence	1st field	1st field	1st field	17	12	+				07	03																																																			
195	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
197	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
205	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
207	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
210	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
211	1st field	1st field	1st field	1st field	1st field	NT	NT																																																									
212	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
213	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
214	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
215	1st field	1st field	1st field	1st field	1st field	03	12																																																									
216	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
217	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
222	1st field	1st field	1st field	1st field	1st field	03	12																																																									
223	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
225	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
229	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
230	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
231	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
232	1st field	1st field	1st field	1st field	1st field	03	12	01	02			02	03																																																			
239	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
240	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
241	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
242	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
244	1st field	Presence	1st field	1st field	1st field	03	12	+		05	05	02	03																																																			
245	1st field	1st field	1st field	1st field	1st field	03	12			05	05	02	03																																																			
248	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
252	1st field	1st field	1st field	1st field	1st field	03	12																																																									
254	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
258	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
259	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
260	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
264	1st field	1st field	1st field	1st field	1st field	03	12																																																									
267	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
268	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
273	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
281	1st field	1st field	1st field	1st field	1st field	03	12			05	05	02	03																																																			
300	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
301	1st field	Presence	1st field	1st field	1st field	03	12	+				02	03																																																			
302	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			
304	1st field	1st field	1st field	1st field	1st field	03	12					02	03																																																			



**UK NEQAS for H&I Scheme 4A1 - DNA HLA Typing at 1st Field Resolution**

CLASS II RESULTS FOR ASSESSMENT

SAMPLES 4A1 10/2015 DESPATCHED ON 02ND JUNE 2015

Lab No.	Result Summary					DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	Acceptable Unacceptable
	DRB1* 98	DRB3*/4*/5* 16 30	DQA1* 25	DQB1* 90	DPA1* 5	04	11	02	01	03 blank	05	03 07	03/blank 08	01	01/blank	
6	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03	03	01	01	
9	1st field	Presence	1st field	1st field	1st field	04	11	+	+	03	05	03	03			
11	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03	03			
12	1st field	1st field	1st field	1st field	1st field	04	11	02	01			03				
14	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03	03	01		
15	1st field	Presence	1st field	1st field	1st field	04	11	+	+	03	05	03	03			
16	1st field	1st field	1st field	1st field	1st field	04	11	02	01			03				
19	1st field	1st field	1st field	1st field	1st field	04	11	02	01			05	03	03		
20	1st field	Presence	1st field	1st field	1st field	NT	NT	NT	NT	NT	NT	NT	NT			
23	1st field	Presence	1st field	1st field	1st field	04	11	02	01			03				
24	1st field	1st field	1st field	1st field	1st field	04	11	02	01			03	03			
25	1st field	1st field	1st field	1st field	1st field	04	11	02	01			03	03			
26	1st field	1st field	1st field	1st field	1st field	04	11			03	05	03	03			
28	1st field	Presence	1st field	1st field	1st field	04	11	02	01	03	05	03	03	01		
29	1st field	1st field	1st field	1st field	1st field	04	11			03	05	03	03			
34	1st field	Presence	1st field	1st field	1st field	04	11	+	+	03	05	03	03			
35	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03	03			
38	1st field	Presence	1st field	1st field	1st field	04	11	+	+	03	05	03	03			
39	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03		01		
41	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03	03			
42	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03	03	01		
45	1st field	Presence	1st field	1st field	1st field	04	11	+	+	03	05	03	03			
48	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03	03			
51	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03				
54	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03	03			
58	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03	03			
62	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03				
78	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
86	1st field	1st field	1st field	1st field	1st field	04	11	02	01			03	03			
100	1st field	1st field	1st field	1st field	1st field	04	11	02	01			03	03			
103	1st field	1st field	1st field	1st field	1st field	04	11									
108	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03				
109	1st field	1st field	1st field	1st field	1st field	04	11					03				
112	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03	03			
115	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03	03			
119	1st field	1st field	1st field	1st field	1st field	04	11			03	05	03	03			
123	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03				
127	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03	03			
128	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
130	1st field	1st field	1st field	1st field	1st field	04	11					03				
132	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03				
133	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
141	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03				
142	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
149	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03	03			
155	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
156	1st field	Presence	1st field	1st field	1st field	04	11	+	+	03	05	03	03			
159	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
164	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
172	1st field	1st field	1st field	1st field	1st field	04	11			03	05	03	03			
183	1st field	1st field	1st field	1st field	1st field	NT	NT					NT	NT			
185	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
189	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
190	1st field	Presence	1st field	1st field	1st field	04	11	+	+			07	08			
195	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
197	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03	03			
205	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
207	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
210	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
211	1st field	1st field	1st field	1st field	1st field	NT	NT									
212	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
213	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
214	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
215	1st field	1st field	1st field	1st field	1st field	04	11									
216	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
217	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
222	1st field	1st field	1st field	1st field	1st field	04	11									
223	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
225	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
229	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
230	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
231	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03	03			
232	1st field	1st field	1st field	1st field	1st field	04	11	02	01			03				
239	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03				
240	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
241	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
242	1st field	1st field	1st field	1st field	1st field	04	11					03				
244	1st field	Presence	1st field	1st field	1st field	04	11	+	+	03	05	03	03			
245	1st field	1st field	1st field	1st field	1st field	04	11			03	05	03	03			
248	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
252	1st field	1st field	1st field	1st field	1st field	04	11									
254	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
258	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
259	1st field	1st field	1st field	1st field	1st field	04	11					03				
260	1st field	1st field	1st field	1st field	1st field	04	11					03				
264	1st field	1st field	1st field	1st field	1st field	04	11									
267	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
268	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03	03			
273	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
281	1st field	1st field	1st field	1st field	1st field	04	11			03	05					
300	1st field	Presence	1st field	1st field	1st field	04	11	+	+							
301	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03	03			
302	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
304	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
318	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
322	1st field	1st field	1st field	1st field	1st field	04	11					03	03			
323	1st field	1st field	1st field	1st field	1st field	04	11			03	05	03	03			
327	1st field	Presence	1st field	1st field	1st field	04	11	+	+			03	03			
331	1st field	1st field	1st field	1st field	1st field	04	11									