

SCHEME 4A1 – CLASS I & II DNA HLA TYPING AT 1ST FIELD RESOLUTION

METHODOLOGY

SAMPLES 4A1 06 - 10/2014 DESPATCHED ON 10TH JUNE 2014

Lab No.	Date received	Date tested	Method used	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	11-Jun	11-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	Yes		One Lambda	Fluorescence		
9	11-Jun	12-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes		Gel		
11	09-Jun	27-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes		Gel		
12	11-Jun	16-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM			Yes	One Lambda	Fluorescence		
14	11-Jun	18-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM			Yes	ReadyGene/One Lambda	Fluorescence		
15	11-Jun	20-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Biorad/Olerup	Gel		
16	11-Jun	25-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM			Yes	Innotrain/Immucor	Gel		
19	11-Jun	12-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM			Yes	Genprobe	Gel/Fluorescence		
20	11-Jun	17-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes		Gel		
23	11-Jun	17-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM			Yes	One Lambda	Gel/Fluorescence		
24	13-Jun	23-Jun	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP			Yes	Immucor	Fluorescence		
25	12-Jun	16-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	ReadyGene/Immucor	Gel/Fluorescence		
26	11-Jun	30-Jun	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP		Yes	VH Bio/Biorad	Gel/Fluorescence		
28	11-Jun	07-Jul	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP			Yes	Life Technologies/BAG Healthcare/One Lambda	Gel/Fluorescence	4A1 08/2014, 09/2014, and 10/2014- DQB1*03:02:05 rare DQB allele which cannot be ruled out.	
29	12-Jun	09-Jul	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP			Yes	Olerup SSP, BAG SSOP	Gel/Reverse Dot Blot Assay		
34	11-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM			Yes	Innotrain/One Lambda	Gel		
35	12-Jun	20-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM			Yes				
38	11-Jun	02-Jul	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM		Yes	BAG Healthcare/One Lambda	Gel/Fluorescence		
39	12-Jun	26-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP	SSP		Yes	Invitrogen	Gel		
41	11-Jun	30-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	One Lambda	Fluorescence		
42	11-Jun	12-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM		Yes	One Lambda	Gel/Fluorescence		
45	11-Jun	18-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes		Gel		
48	12-Jun	08-Jul	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Life Technologies	Gel		
51	11-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Immucor			
54	11-Jun	26-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM			Yes	Lifetech Ailset/Immucor Lifecodes	Gel/Fluorescence		
58	11-Jun	18-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM		Yes	One Lambda	Fluorescence		
62	11-Jun	26-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM		Yes	One Lambda	Fluorescence		
69	11-Jun	13-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes		Fluorescence		
78	11-Jun	19-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Rose	Gel		
86	16-Jun	02-Jul	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Lifecodes	Fluorescence		
100	11-Jun	18-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Lifecodes/Immucor	Fluorescence		
103	11-Jun	19-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	One Lambda	Fluorescence		
108	13-Jun	18-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Olerup SSP	Gel		
109	12-Jun	30-Jun	SSOP/LUM	SSP/SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM			Yes		Fluorescence/QiAxcell		
112	12-Jun	03-Jul	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Biorad	Gel		
115	12-Jun	13-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Olerup SSP	Gel		
119	16-Jun	02-Jul	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM			Yes	Biorad/Invitrogen/One Lambda	Gel/Fluorescence		
123	11-Jun	30-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	One Lambda	Gel		
124	11-Jun	19-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Olerup	Gel		
127	12-Jun	19-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	One Lambda	Fluorescence		
128	13-Jun	13-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	One Lambda	Fluorescence		
130	11-Jun	02-Jul	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM			Yes	Olerup/One Lambda	Gel/Fluorescence		
132	11-Jun	02-Jul	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP	SSP/SSOP/LUM	SSP/SSOP/LUM			Yes	Immucor/Olerup	Gel/Luminex		
133	12-Jun	18-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Gen-Probe	Fluorescence		
141	11-Jun	02-Jul	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Immucor/Olerup	Gel		
142	12-Jun	19-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSOP/LUM	SSP/LUM			Yes	Ingen	Fluorescence		
155	16-Jun	17-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM			Yes	Olerup/Genprobe/Immucor	Gel/QiAxcell		
156	13-Jun	01-Jul	SBT/LUM	SBT/LUM	SBT/LUM	SSP	LUM	LUM	LUM			Yes	Olerup/One Lambda	Gel/Fluorescence		
159	12-Jun	27-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Olerup	Gel		
172	12-Jun	18-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Olerup	Gel		
185	13-Jun	17-Jun	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM			Yes	Immucor	Fluorescence		
187	13-Jun	14-Jun	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP			Yes	Inogen	Gel		
189	10-Jun	12-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Immucor	Fluorescence		
190	11-Jun	12-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Invitrogen/One Lambda	Gel		
191	11-Jun	13-Jun	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP			Yes	One Lambda	Fluorescence		
195	10-Jun	17-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	One Lambda	Fluorescence		
197	12-Jun	24-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	One Lambda	Fluorescence		
205	11-Jun	17-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes		Gel		
207	12-Jun	18-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Protrans/Olerup SSP/Invitrogen	Gel		
210	13-Jun	16-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Immucor	Fluorescence		
211	12-Jun	23-Jun	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM			Yes	Genprobe	Fluorescence		
212	12-Jun	24-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Immucor	Fluorescence		
213	13-Jun	17-Jul	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Lifecodes	Fluorescence		
214	13-Jun	18-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Immucor	Fluorescence		
215	11-Jun	12-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes		Fluorescence		
216	12-Jun	24-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	One Lambda	Fluorescence		
217	June	July	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM			Yes	SSO Tepnel life match	Luminex SSO		
222	30-Jun	07-Mar	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Invitrogen	Gel		
223	12-Jun	19-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Olerup	Gel		
225	16-Jun	26-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Olerup	Gel		
229	12-Jun	13-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Immucor	Fluorescence		
230	11-Jun	18-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes		Fluorescence		
231	12-Jun	13-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Genprobe	Other		
232	12-Jun	24-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM			Yes		Gel/Fluorescence		
239	12-Jun	17-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	QiAgen	Gel		
240	10-Jun	17-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Genprobe-life (Tepnel)	Fluorescence		
241	13-Jun	20-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes		Fluorescence		
242	12-Jun	13-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM			Yes		Gel/Fluorescence		
244	11-Jun	04-Jul	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes		Gel		
245	11-Jun	11-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP	SSP			Yes	Olerup/Invitrogen/One Lambda	Gel/Fluorescence		
248	12-Jun	10-Jul	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Olerup/Life codes	Gel/Fluorescence		
252	12-Jun	17-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Olerup SSP	Fluorescence		
254	11-Jun	17-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes		Fluorescence		
258	17-Jun	23-Jun	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP			Yes	Tepnel life codes	Fluorescence		
259	12-Jun	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM	SSOP/LUM			Yes	Immucor Gamma/Lifecodes	Fluorescence		
260	12-Jun	19-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Olerup SSP	Gel		
264	16-Jun	17-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Gen-Probe life tech (Tepnel)	Fluorescence		
266	10-Jun	09-Jul	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes		Gel		
268	16-Jun	01-Jul	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM			Yes	Olerup/One Lambda	Gel		
273	11-Jun	19-Jun	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM			Yes	LABType	Gel/Fluorescence		
281	11-Jun	13-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	One Lambda	Fluorescence		
300	12-Jun	25-Jun	SSP	SSP	SSP	SSP	SSP	SSP	SSP			Yes	Olerup	Gel/Fluorescence		
301	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes		Fluorescence		
302	13-Jun	19-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Genprobe	Fluorescence		
304	12-Jun	16-Jun	LUM	LUM	LUM	LUM	LUM	LUM	LUM			Yes	Ingen	Fluorescence		

* Methods used
SSP = PCR-SSP
SSOP = PCR-SSOP
revSSOP = reverse SSOP
LUM = Luminex

SCHEME 4A1 – CLASS II DNA HLA TYPING AT 1ST FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A1 06/2014 DESPATCHED ON 10TH JUNE 2014

Lab No.	DRB1*	DRB3*/4*/5*	DQA1*	DQB1*	DPA1*	DRB1*	DRB1*	DRB4*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*
6	1st field	1st field	1st field	1st field	1st field	04	07	01		02:01	03	02	03	01:03	02
9	1st field	Presence	1st field	1st field		04	07	01/02/03				02	03		
11	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
12	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03		
14	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03/02/85		
15	1st field	1st field	1st field	1st field		04	07	01		02:01	03:01	02	03/02/07/08		
16	1st field	1st field	1st field	1st field		04	07	01				02	03		
19	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03		
20	1st field	Presence	1st field	1st field		04	07	Yes		02	03	02	03		
23	1st field	Presence	1st field	1st field		04	07	01				02	03		
24	1st field	1st field	1st field	1st field		04	07	01				02	03		
25	1st field	1st field	1st field	1st field		04	07	01				02	03		
26	1st field	1st field	1st field	1st field		04	07	01				02	03		
28	1st field	Presence	1st field	1st field	1st field	04:01/33-	07:01/03-	01:01/03-		02:01	03:01	02:02/06-	03:02/32/85	01:03	02:01
29	1st field	1st field	1st field	1st field		159	25	08				12	85		
34	1st field	Presence	1st field	1st field		04	07	Yes		02	03	02	03		
35	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03		
38	1st field	Presence	1st field	1st field		04	07	01		02	03	02	03		
39	1st field	Presence	1st field	1st field		04	07	Yes				02	03	01	02
41	1st field	Presence	1st field	1st field		04	07	Yes		02:01	03:01/02/03	02	03:02		
42	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03	01	02
45	1st field	Presence	1st field	1st field		04	07	01		02	03	02	03		
48	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03		
51	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
54	1st field	Presence	1st field	1st field		04	07	01				02	03		
58	1st field	1st field	1st field	1st field		04	07	01		02:01	03	02	03	01:03	02:01
62	1st field	Presence	1st field	1st field		04	07	01		02	03	02	03	01	02
69	1st field	1st field	1st field	1st field		04	07	01				02	03		
78	1st field	1st field	1st field	1st field		04	07	01				02	03		
86	1st field	Presence	1st field	1st field		04	07	01	01			02	03		
100	1st field	1st field	1st field	1st field		04	07	01	01			02	03		
103	1st field	1st field	1st field	1st field		04	07	01				02	03		
108	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
109	1st field	1st field	1st field	1st field		04	07	01				02	03		
112	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
115	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
119	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03		
123	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
124	1st field	1st field	1st field	1st field		04	07	01				02	03		
127	1st field	1st field	1st field	1st field		04	07	01	01	02	03	02	03		
128	1st field	1st field	1st field	1st field		04:01/111	07:01/25/					02:02/12	03:02/85		
						/112/117/	26N								
						119N/127									
						/135/151									
130	1st field	1st field	1st field	1st field		04	07	01				02	03		
132	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
133	1st field	1st field	1st field	1st field		04	07	01				02	03		
141	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
142	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03		
155	1st field	1st field	1st field	1st field		04	07	01				02	03		
156	1st field	Presence	1st field	1st field		04	07	Yes		02	03	02	03		
159	1st field	1st field	1st field	1st field		04	07	01				02	03		
172	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03		
185	1st field	1st field	1st field	1st field		04	07	01				02	03		
187	1st field	1st field	1st field	1st field		04	07	01				02	03		
189	1st field	1st field	1st field	1st field		04	07	01				02	03		
190	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
191	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03		
195	1st field	1st field	1st field	1st field		04	07	01				02	03		
197	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
205	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
207	1st field	1st field	1st field	1st field		04	07	01				02	03		
210	1st field	1st field	1st field	1st field		04	07	01				02	03		
211	1st field	1st field	1st field	1st field		04	07	01				02	03		
212	1st field	1st field	1st field	1st field		04	07	01				02	03		
213	1st field	1st field	1st field	1st field		04	07	01				02	03		
214	1st field	1st field	1st field	1st field		04	07	01				02	03		
215	1st field	1st field	1st field	1st field		04	07	01				02	03		
216	1st field	1st field	1st field	1st field		04	07	01				02	03		
217	1st field	1st field	1st field	1st field		04	07	01				02	03		
222	1st field	1st field	1st field	1st field		04	07	01				02	03		
223	1st field	1st field	1st field	1st field		04	07	01				02	03		
225	1st field	1st field	1st field	1st field		04	07	01				02	03		
229	1st field	1st field	1st field	1st field		04	07	01				02	03		
230	1st field	1st field	1st field	1st field		04	07	01				02	03		
231	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
232	1st field	1st field	1st field	1st field		04	07	01				02	03		
239	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
240	1st field	1st field	1st field	1st field		04	07	01				02	03		
241	1st field	1st field	1st field	1st field		04	07	01				02	03		
242	1st field	1st field	1st field	1st field		04	07	01				02	03		
244	1st field	Presence	1st field	1st field		04	07	Yes		02	03	02	03		
245	1st field	1st field	1st field	1st field		04	07	01				02	03		
248	1st field	1st field	1st field	1st field		04	07	01				02	03		
252	1st field	1st field	1st field	1st field		04	07	01				02	03		
254	1st field	1st field	1st field	1st field		04	07	01				02	03		
258	1st field	1st field	1st field	1st field		04	07	01				02	03		
259	1st field	1st field	1st field	1st field		04	07	01				02	03		
260	1st field	1st field	1st field	1st field		04	07	Yes				02	03		
264	1st field	1st field	1st field	1st field		04	07	01				02	03		
268	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
273	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03		
281	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03		
300	1st field	Presence	1st field	1st field		04	07	Yes				02	03		
301	1st field	Presence	1st field	1st field		04	07	01				02	03		
302	1st field	1st field	1st field	1st field		04	07	01				02	03		
304	1st field	1st field	1st field	1st field		04	07	01				02	03		

SCHEME 4A1 – CLASS II DNA HLA TYPING AT 1ST FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A1 07/2014 DESPATCHED ON 10TH JUNE 2014

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	13	03:01	01	01	03	03	06	01:03	01:03
9	1st field	Presence	1st field	1st field		04	13	01/02/03	01/02/03			03	06		
11	1st field	Presence	1st field	1st field		04	13	Yes	Yes			03	06		
12	1st field	1st field	1st field	1st field		04	13	03	01	01	03	03	06		
14	1st field	1st field	1st field	1st field		04	13	03	01	03	01	03:02/85	06		
15		1st field		1st field		04	13	03	01	01:02	03:01	03:02/07/08	06		
16	1st field	1st field		1st field		04	13	03	01			03	06		
19	1st field	1st field	1st field	1st field		04	13	03	01	01	03	03	06		
20	1st field	Presence	1st field	1st field		04	13	Yes	Yes	01	03	03	06		
23	1st field	Presence	1st field	1st field		04	13	01-03	01			03	06		
24	1st field	1st field		1st field		04	13	03	01			03	06		
25	1st field	1st field		1st field		04	13	03	01			03	06		
26	1st field			1st field		04	13					03	06		
28						04:01/02-	13:01/02-	01/02/03	01	01:02/11	03:01	03:02/08-	06:01/03-	01:03	
29	1st field	Presence	1st field	1st field	1st field	163	163					85	105		
34	1st field	Presence	1st field	1st field		04	13	Yes	Yes	01	03	03	06		
35	1st field	1st field	1st field	1st field		04	13	03	01	01	03	03	06		
38	1st field	Presence	1st field	1st field		04	13	03	01	01	03	03	06	01	
39	1st field	Presence		1st field	1st field	04	13	Yes	Yes			03	06	01	
41						04	13	Yes	Yes	01:02/08/09/11	03:01/02/03	03:02	06		
42	1st field	Presence	1st field	1st field	1st field	04	13	03	01	01	03	03	06	01	
45	1st field	Presence	1st field	1st field		04	13	03	01	01	03	03	06		
48	1st field	1st field	1st field	1st field		04	13	03	01	01	03	03	06		
51	1st field	Presence	1st field	1st field		04	13	Yes	Yes			03	06		
54	1st field	Presence	1st field	1st field		04	13	03	01			03	06		
58	1st field	1st field	1st field	1st field	1st field	04	13	03:01	01	01	03	03	06	01:03	
62	1st field	Presence	1st field	1st field		04	13	03	01	01	03	03	06	01	
69	1st field					04	13								
78	1st field			1st field		04	13					03	06		
86	1st field	Presence		1st field		04	13	03	01			03	06		
100	1st field	1st field		1st field		04	13	03	01			03	06		
103	1st field					04	13								
108	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
109	1st field			1st field		04	13					03	06		
112	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
115	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
119	1st field		1st field	1st field		04	13			01	03	03	06		
123	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
124	1st field			1st field		04	13					03	06		
127	1st field	1st field	1st field	1st field		04	13	03	01	01	03	03	06		
128						04:04/23/108/120N/121/149/157N	13:02/128/142N/145					03:02/85	06:04/34/36/39/52/86		
130	1st field			1st field		04	13					03	06		
132	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
133	1st field			1st field		04	13					03	06		
141	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
142	1st field			1st field		04	13			01	03	03	06		
155	1st field			1st field		04	13					03	06		
156	1st field	Presence	1st field	1st field		04	13	Yes	Yes	01	03	03	06		
159	1st field			1st field		04	13					03	06		
172	1st field		1st field	1st field		04	13			01	03	03	06		
185	1st field			1st field		04	13					03	06		
187	1st field			1st field		04	13					03	06		
189	1st field			1st field		04	13					03	06		
190	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
191	1st field			1st field		04	13			01	03	03	06		
195	1st field			1st field		04	13					03	06		
197	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
205	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
207	1st field			1st field		04	13					03	06		
210	1st field			1st field		04	13					03	06		
211	1st field			1st field		04	13					03	06		
212	1st field			1st field		04	13					03	06		
213	1st field			1st field		04	13					03	06		
214	1st field			1st field		04	13					03	06		
215	1st field					04	13								
216	1st field			1st field		04	13					03	06		
217	1st field			1st field		04	13					03	06		
222	1st field					04	13								
223	1st field			1st field		04	13					03	06		
225	1st field			1st field		04	13					03	06		
229	1st field			1st field		04	13					03	06		
230	1st field			1st field		04	13					03	06		
231	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
232	1st field			1st field		04	13	03	01			03	06		
239	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
240	1st field			1st field		04	13					03	06		
241	1st field			1st field		04	13					03	06		
242	1st field			1st field		04	13					03	06		
244	1st field	Presence	1st field	1st field		04	13	Yes	Yes	01	03	03	06		
245	1st field			1st field		04	13					03	06		
248	1st field			1st field		04	13					03	06		
252	1st field			1st field		04	13					03	06		
254	1st field			1st field		04	13					03	06		
258	1st field			1st field		04	13					03	06		
259	1st field			1st field		04	13					03	06		
260	1st field			1st field		04	13	Yes	Yes			03	06		
264	1st field			1st field		04	13					03	06		
268	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
273	1st field			1st field	1st field	04	13			01	03	03	06		
281				1st field						01	03				
300	1st field	Presence		1st field		04	13	Yes	Yes			03	06		
301	1st field	Presence		1st field		04	13					03	06		
302	1st field			1st field		04	13					03	06		
304	1st field			1st field		04	13					03	06		

SCHEME 4A1 – CLASS II DNA HLA TYPING AT 1ST FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A1 08/2014 DESPATCHED ON 10TH JUNE 2014

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	12	02	01	03	05	03	03	01:03	01:03
9	1st field	Presence		1st field		04	12	01/02/03	01/02/03			03			
11	1st field	Presence		1st field		04	12	Yes	Yes			03			
12	1st field	1st field		1st field		04	12	02	01	03	05	03			
14						04	12	02	01	03	05	03:01/24/ 27/28/29			
15	1st field	1st field	1st field	1st field		04	12	02	01	03:03	05:05	03:01/04/ 09			
16	1st field	1st field		1st field		04	12	02	01			03			
19	1st field	1st field	1st field	1st field		04	12	02	01	03	05	03			
20	1st field	Presence	1st field	1st field		04	12	Yes	Yes	03	05	03			
23	1st field	Presence		1st field		04	12	01-03	01			03			
24	1st field	1st field		1st field		04	12	02	01			03			
25	1st field	1st field		1st field		04	12	02	01			03			
26	1st field			1st field		04	12	02	01			03			
28						04:01/02- 163	12:01/02- 40	01/02/03	01	03:03	05:05	03:01/04- 84N		01:03	
29	1st field	Presence	1st field	1st field	1st field	04	12			03	05	03			
34	1st field	Presence	1st field	1st field		04	12	Yes	Yes	03	05	03			
35	1st field		1st field	1st field		04	12	02	01	03	05	03			
38	1st field	Presence	1st field	1st field		04	12	02	01	03	05	03		01	
39	1st field	Presence		1st field	1st field	04	12	Yes	Yes			03		01	
41						04	12	Yes	Yes	03:02/03	05:05/09/ 11	03:01			
42	1st field	Presence		1st field		04	12	02	01	03	05	03		01	
45	1st field	Presence	1st field	1st field	1st field	04	12	02	01	03	05	03			
48	1st field	1st field	1st field	1st field		04	12	02	01	03	05	03			
51	1st field	Presence		1st field		04	12	Yes	Yes			03			
54	1st field	Presence		1st field		04	12	02	01			03			
58	1st field	1st field	1st field	1st field	1st field	04	12	02	01	03	05	03		01:03	
62	1st field	Presence	1st field	1st field		04	12	02	01	03	05	03		01	
69	1st field					04	12								
78	1st field			1st field		04	12					03			
86	1st field	Presence		1st field		04	12	02	01			03	03		
100	1st field	1st field		1st field		04	12	02	01			03	03		
103	1st field					04	12								
108	1st field	Presence		1st field		04	12	Yes	Yes			03			
109	1st field			1st field		04	12					03			
112	1st field	Presence		1st field		04	12	Yes	Yes			03			
115	1st field	Presence		1st field		04	12	Yes	Yes			03			
119	1st field		1st field	1st field		04	12			03	05	03			
123	1st field	Presence		1st field		04	12	Yes	Yes			03			
124	1st field			1st field		04	12					03			
127	1st field	1st field	1st field	1st field		04	12	02	01	03	05	03	03		
128						04:01/111 /112/117/ 119N/127 /135/151	12:01/06/ 10/17/36					03			
130	1st field			1st field		04	12					03			
132	1st field	Presence		1st field		04	12	Yes	Yes			03			
133	1st field			1st field		04	12					03			
141	1st field	Presence		1st field		04	12	Yes	Yes			03			
142	1st field			1st field		04	12			03	05	03	03		
155	1st field			1st field		04	12					03	03		
156	1st field	Presence	1st field	1st field		04	12	Yes	Yes	03	05	03			
159	1st field		1st field	1st field		04	12					03			
172	1st field		1st field	1st field		04	12			03	05	03	03		
185	1st field			1st field		04	12					03			
187	1st field			1st field		04	12					03	03		
189	1st field			1st field		04	12					03	03		
190	1st field	Presence		1st field		04	12	Yes	Yes			03			
191	1st field			1st field		04	12			03	05	03	03		
195	1st field			1st field		04	12					03			
197	1st field	Presence		1st field		04	12	Yes	Yes			03	03		
205	1st field	Presence		1st field		04	12	Yes	Yes			03	03		
207	1st field			1st field		04	12					03			
210	1st field			1st field		04	12					03	03		
211	1st field			1st field		04	12					03	03		
212	1st field			1st field		04	12					03	03		
213	1st field			1st field		04	12					03	03		
214	1st field			1st field		04	12					03	03		
215	1st field					04	12								
216	1st field			1st field		04	12					03	03		
217	1st field			1st field		04	12					03	03		
222	1st field					04	12								
223	1st field			1st field		04	12					03			
225	1st field			1st field		04	12					03			
229	1st field			1st field		04	12					03	03		
230	1st field			1st field		04	12					03	03		
231	1st field	Presence		1st field		04	12	Yes	Yes			03	03		
232	1st field	1st field		1st field		04	12	02	01			03			
239	1st field	Presence		1st field		04	12	Yes	Yes			03			
240	1st field			1st field		04	12					03	03		
241	1st field			1st field		04	12					03	03		
242	1st field			1st field		04	12					03			
244	1st field	Presence	1st field	1st field		04	12	Yes	Yes	03	05	03	03		
245	1st field			1st field		04	12					03	03		
248	1st field			1st field		04	12					03	03		
252	1st field			1st field		04	12								
254	1st field			1st field		04	12					03	03		
258	1st field			1st field		04	12					03	03		
259	1st field			1st field		04	12					03			
260	1st field			1st field		04	12	Yes	Yes			03			
264	1st field					04	12					03	03		
268	1st field	Presence		1st field		04	12	Yes	Yes			03			
273	1st field		1st field	1st field		04	12			03	05	03			
281				1st field											
300	1st field	Presence		1st field		04	12	Yes	Yes			03			
301	1st field	Presence		1st field		04	12					03	03		
302	1st field			1st field		04	12					03	03		
304	1st field			1st field		04	12					03			

SCHEME 4A1 – CLASS II DNA HLA TYPING AT 1ST FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A1 09/2014 DESPATCHED ON 10TH JUNE 2014

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	03	04	01	01	03	05	02	03	01:03	01:03
9	1st field	Presence		1st field		03	04	01/02/03	01/02/03			02	03		
11	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
12	1st field	1st field		1st field		03	04	01	01	03	05	02	03		
14						03:01/13/ 18/19/22	04	01	01	03	05	02	03:01/27/ 28/29/35		
15	1st field	1st field	1st field	1st field		03:01/04/ 06	04	01	01	03:03	05:01	02	03:01/09/ 10		
16	1st field	1st field		1st field		03	04	01	01			02	03		
19	1st field	1st field	1st field	1st field		03	04	01	01	03	05	02	03		
20	1st field	Presence	1st field	1st field		03	04	Yes	Yes	03	05	02	03		
23	1st field	Presence		1st field		03	04	01-03	01			02	03		
24	1st field	1st field		1st field		03	04	01	01			02	03		
25	1st field	1st field		1st field		03	04	01	01			02	03		
26	1st field			1st field		03	04					02	03		
28						03:01/04- 93	04:01/02- 163	01/02/03	01	03:03	05:01	02:01/02- 33	03:01/04- 84N	01:03	
29	1st field	Presence	1st field	1st field	1st field	03	04			03	05	02	03		
34	1st field	Presence	1st field	1st field		03	04	Yes	Yes	03	05	02	03		
35	1st field	1st field		1st field		03	04	01	01	03	05	02	03		
38	1st field	Presence	1st field	1st field		03	04	01	01	03	05	02	03		
39	1st field	Presence		1st field	1st field	03	04	Yes	Yes			02	03	01	
41	1st field	Presence		1st field		03:01	04	Yes	Yes	03:02/03	05:01	02	03:01		
42	1st field	1st field	1st field	1st field	1st field	03	04	01	01	03	05	02	03	01	
45	1st field	Presence	1st field	1st field		03	04	01	01	03	05	02	03		
48	1st field	1st field	1st field	1st field		03	04	01	01	03	05	02	03		
51	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
54	1st field	Presence		1st field		03	04	01	01			02	03		
58	1st field	1st field	1st field	1st field	1st field	03	04	01	01	03	05:01	02	03	01:03	
62	1st field	Presence	1st field	1st field		03	04	01	01	03	05	02	03	01	
69	1st field			1st field		03	04					02	03		
78	1st field			1st field		03	04					02	03		
86	1st field	Presence		1st field		03	04	01	01			02	03		
100	1st field	1st field		1st field		03	04	01	01			02	03		
103	1st field			1st field		03	04					02	03		
108	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
109	1st field			1st field		03	04					02	03		
112	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
115	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
119	1st field		1st field	1st field		03	04			03	05	02	03		
123	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
124	1st field			1st field		03	04					02	03		
127	1st field	1st field	1st field	1st field		03	04	01	01	03	05	02	03		
128						03:01/50/ 68N/83	04:01/11 1/112/11					02:01/13/ 14/15/16/ 20N/21/2	03		
							7/119/12					2/23/24/2			
							7/135/15					5/26/27/2			
							1					8/29/30/3			
	1st field			1st field								3			
130	1st field			1st field		03	04					02	03		
132	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
133	1st field			1st field		03	04					02	03		
141	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
142	1st field			1st field		03	04			03	05	02	03		
155	1st field			1st field		03	04					02	03		
156	1st field	Presence	1st field	1st field		03	04	Yes	Yes	03	05	02	03		
159	1st field		1st field	1st field		03	04					02	03		
172	1st field		1st field	1st field		03	04			03	05	02	03		
185	1st field			1st field		03	04					02	03		
187	1st field			1st field		03	04					02	03		
189	1st field			1st field		03	04					02	03		
190	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
191	1st field			1st field		03	04			03	05	02	03		
195	1st field			1st field		03	04					02	03		
197	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
205	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
207	1st field			1st field		03	04					02	03		
210	1st field			1st field		03	04					02	03		
211	1st field			1st field		03	04					02	03		
212	1st field			1st field		03	04					02	03		
213	1st field			1st field		03	04					02	03		
214	1st field			1st field		03	04					02	03		
215	1st field			1st field		03	04					02	03		
216	1st field			1st field		03	04					02	03		
217	1st field			1st field		03	04					02	03		
222	1st field			1st field		03	04					02	03		
223	1st field			1st field		03	04					02	03		
225	1st field			1st field		03	04					02	03		
229	1st field			1st field		03	04					02	03		
230	1st field			1st field		03	04					02	03		
231	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
232	1st field	1st field		1st field		03	04	01	01			02	03		
239	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
240	1st field			1st field		03	04					02	03		
241	1st field			1st field		03	04					02	03		
242	1st field			1st field		03	04					02	03		
244	1st field	Presence	1st field	1st field		03	04	Yes	Yes	03	05	02	03		
245	1st field			1st field		03	04					02	03		
248	1st field			1st field		03	04					02	03		
252	1st field			1st field		03	04					02	03		
254	1st field			1st field		03	04					02	03		
258	1st field			1st field		03	04					02	03		
259	1st field			1st field		03	04					02	03		
260	1st field			1st field		03	04	Yes	Yes			02	03		
264	1st field			1st field		03	04					02	03		
268	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
273	1st field		1st field	1st field		03	04			03	05	02	03		
281	1st field		1st field	1st field		03	04					02	03		
300	1st field	Presence		1st field		03	04	Yes	Yes			02	03		
301	1st field	Presence		1st field		03	04					02	03		
302	1st field			1st field		03	04					02	03		
304	1st field			1st field		03	04					02	03		

SCHEME 4A1 – CLASS II DNA HLA TYPING AT 1ST FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A1 10/2014 DESPATCHED ON 10TH JUNE 2014

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	05	03	03	01:03	01:03
9	1st field	Presence		1st field		04	11	01/02/03	01/02/03			03			
11	1st field	Presence		1st field		04	11	Yes	Yes			03			
12	1st field	1st field		1st field		04	11	02	01	03	05	03			
14						04	11	02	01	03	05	03:01/24/27/28/29			
	1st field	1st field	1st field	1st field											
15						04	11	02	01	03:03	05:05	03:01/04/09			
	1st field	1st field		1st field								03			
16	1st field	1st field		1st field		04	11	02	01			03			
19	1st field	1st field	1st field	1st field		04	11	02	01	03	05	03			
20	1st field	Presence	1st field	1st field		04	11	Yes	Yes	03	05	03			
23	1st field	Presence		1st field		04	11	01-03	01			03			
24	1st field	1st field		1st field		04	11	02	01			03			
25	1st field	1st field		1st field		04	11	02	01			03			
26	1st field			1st field		04	11					03			
28						04:01/02-	11:01/02-	01/02/03	01	03:03	05:05	03:01/04-		01:03	
	1st field	Presence	1st field	1st field	1st field	163	147					84N			
29	1st field	1st field	1st field	1st field		04	11			03	05	03			
34	1st field	Presence	1st field	1st field		04	11	Yes	Yes	03	05	03			
35	1st field	1st field	1st field	1st field		04	11	02	01	03	05	03			
38	1st field	Presence	1st field	1st field		04	11	02	01	03	05	03		01	
39	1st field	Presence		1st field	1st field	04	11	Yes	Yes			03		01	
41						04	11	Yes	Yes	03:02/03	05:05/09/	03:01			
	1st field	Presence		1st field							11				
42	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03		01	
45	1st field	Presence	1st field	1st field		04	11	02	01	03	05	03			
48	1st field	1st field	1st field	1st field		04	11	02	01	03	05	03			
51	1st field	Presence		1st field		04	11	Yes	Yes			03			
54	1st field	Presence		1st field		04	11	02	01			03			
58	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03		01:03	
62	1st field	Presence	1st field	1st field		04	11	02	01	03	05	03		01	
69	1st field					04	11					03			
78	1st field			1st field		04	11					03			
86	1st field	Presence		1st field		04	11	02	01			03	03		
100	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	Yes	Yes			03			
109	1st field			1st field		04	11					03			
112	1st field	Presence		1st field		04	11	Yes	Yes			03			
115	1st field	Presence		1st field		04	11	Yes	Yes			03			
119	1st field		1st field	1st field		04	11			03	05	03			
123	1st field	Presence		1st field		04	11	Yes	Yes			03			
124	1st field			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					04:07/92	11:03					03			
130	1st field			1st field		04	11					03			
132	1st field	Presence		1st field		04	11	Yes	Yes			03			
133	1st field			1st field		04	11					03			
141	1st field	Presence		1st field		04	11	Yes	Yes			03			
142	1st field			1st field		04	11			03	05	03	03		
155	1st field			1st field		04	11					03	03		
156	1st field	Presence	1st field	1st field		04	11	Yes	Yes	03	05	03			
159	1st field		1st field	1st field		04	11					03			
172	1st field		1st field	1st field		04	11			03	05	03	03		
185	1st field			1st field		04	11					03			
187	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	Yes	Yes			03			
191	1st field			1st field		04	11			03	05	03	03		
195	1st field			1st field		04	11					03			
197	1st field	Presence		1st field		04	11	Yes	Yes			03	03		
205	1st field	Presence		1st field		04	11	Yes	Yes			03	03		
207	1st field			1st field		04	11					03			
210	1st field			1st field		04	11					03	03		
211	1st field			1st field		04	11					03	03		
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			
225	1st field			1st field		04	11					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	Yes	Yes			03	03		
232	1st field	1st field		1st field		04	11	02	01			03			
239	1st field	Presence		1st field		04	11	Yes	Yes			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	Yes	Yes	03	05	03	03		
245	1st field			1st field		04	11					03	03		
248	1st field			1st field		04	11					03	03		
252	1st field			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	Yes	Yes			03			
264	1st field			1st field		04	11					03	03		
268	1st field	Presence		1st field		04	11	Yes	Yes			03			
273	1st field		1st field	1st field		04	11			03	05	03			
281			1st field							03	05				
300	1st field	Presence		1st field		04	11	Yes	Yes			03			
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			

SCHEME 4A1 – CLASS II DNA HLA TYPING AT 1ST FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLES 4A1 06/2014 DESPATCHED ON 10TH JUNE 2014

						DRB1* 04	DRB1* 07	DRB4* 01 blank	DRB4* 01/blank	DQA1* 02 blank	DQA1* 03 blank	DQB1* 02 blank	DQB1* 03 blank	DPA1* 01	DPA1* 02	Acceptable Unacceptable
1st field																
Result Summary																
Number Acceptable 1st field						93	93	15		21	21	87	87	5	5	
Number Acceptable Presence						—	—	28		—	—	—	—	—	—	
Number Unacceptable						0	0	1		1	1	1	1	0	0	
Number NT						0	0	0		0	0	0	0	0	0	
Lab No.	DRB1* 93	DRB3*/4*/5* 14 30	DQA1* 22	DQB1* 88	DPA1* 5	DRB1* 04	DRB1* 07	DRB4* 01	DRB4* 01/blank	DQA1* 02 blank	DQA1* 03 blank	DQB1* 02 blank	DQB1* 03 blank	DPA1* 01	DPA1* 02	
6	1st field	1st field	1st field	1st field	1st field	04	07	01		02	03	02	03	01	02	
9	1st field	Presence		1st field		04	07	Yes				02	03			
11	1st field	Presence		1st field		04	07	Yes				02	03			
12	1st field	1st field		1st field		04	07	01				02	03			
14	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03			
15	1st field	1st field		1st field		04	07	01				02	03			
16	1st field	1st field		1st field		04	07	01				02	03			
19	1st field	1st field	1st field	1st field		04	07	01		02	03	02	03			
20	1st field	Presence	1st field	1st field		04	07	Yes		02	03	02	03			
23	1st field	Presence		1st field		04	07	Yes				02	03			
24	1st field	1st field		1st field		04	07	01				02	03			
25	1st field	1st field		1st field		04	07	01				02	03			
26	1st field			1st field		04	07					02	03			
28	1st field	Presence	1st field	1st field	1st field	04	07	Yes		02	03	02	03	01	02	
29	1st field		1st field	1st field		04	07			02	03	02	03			
34	1st field	Presence		1st field		04	07	Yes		02	03	02	03			
35	1st field		1st field	1st field		04	07			02	03	02	03			
38	1st field	Presence		1st field		04	07	Yes		02	03	02	03			
39	1st field	Presence		1st field	1st field	04	07	Yes				02	03	01	02	
41	1st field	Presence		1st field		04	07	Yes				02	03			
42	1st field		1st field	1st field	1st field	04	07	01		02	03	02	03	01	02	
45	1st field	Presence		1st field		04	07	Yes		02	03	02	03			
48	1st field		1st field	1st field		04	07	01		02	03	02	03			
51	1st field	Presence		1st field		04	07	Yes				02	03			
54	1st field	Presence		1st field		04	07	Yes				02	03			
58	1st field	1st field	1st field	1st field	1st field	04	07	01		02	03	02	03	01	02	
62	1st field	Presence		1st field		04	07	Yes		02	03	02	03	01	02	
69	1st field					04	07									
78	1st field			1st field		04	07					02	03			
86	1st field	Presence		1st field		04	07	Yes				02	03			
100	1st field	1st field		1st field		04	07	01	01			02	03			
103	1st field					04	07									
108	1st field	Presence		1st field		04	07	Yes				02	03			
109	1st field			1st field		04	07					02	03			
112	1st field	Presence		1st field		04	07	Yes				02	03			
115	1st field	Presence		1st field		04	07	Yes				02	03			
119	1st field		1st field	1st field		04	07			02	03	02	03			
123	1st field	Presence		1st field		04	07	Yes				02	03			
124	1st field			1st field		04	07					02	03			
127	1st field	1st field	1st field	1st field		04	07	01	01	02	03	02	03			
128	1st field			1st field		04	07					02	03			
130	1st field			1st field		04	07					02	03			
132	1st field	Presence		1st field		04	07	Yes				02	03			
133	1st field			1st field		04	07					02	03			
141	1st field	Presence		1st field		04	07	Yes				02	03			
142	1st field			1st field		04	07					02	03			
155	1st field			1st field		04	07					02	03			
156	1st field	Presence	1st field	1st field		04	07	Yes		02	03	02	03			
159	1st field		1st field	1st field		04	07					02	03			
172	1st field		1st field	1st field		04	07			02	03	02	03			
185	1st field			1st field		04	07					02	03			
187	1st field			1st field		04	07					02	03			
189	1st field			1st field		04	07					02	03			
190	1st field	Presence		1st field		04	07	Yes				02	03			
191	1st field			1st field		04	07					02	03			
195	1st field			1st field		04	07					02	03			
197	1st field	Presence		1st field		04	07	Yes				02	03			
205	1st field	Presence		1st field		04	07	Yes				02	03			
207	1st field			1st field		04	07					02	03			
210	1st field			1st field		04	07					02	03			
211	1st field			1st field		04	07					02	03			
212	1st field			1st field		04	07					02	03			
213	1st field			1st field		04	07					02	03			
214	1st field			1st field		04	07					02	03			
215	1st field					04	07									
216	1st field			1st field		04	07					02	03			
217	1st field			1st field		04	07					02	03			
222	1st field					04	07									
223	1st field			1st field		04	07					02	03			
225	1st field			1st field		04	07					02	03			
229	1st field			1st field		04	07					02	03			
230	1st field			1st field		04	07					02	03			
231	1st field	Presence		1st field		04	07	Yes				02	03			
232	1st field			1st field		04	07	01				02	03			
239	1st field	Presence		1st field		04	07	Yes				02	03			
240	1st field			1st field		04	07					02	03			
241	1st field			1st field		04	07					02	03			
242	1st field			1st field		04	07					02	03			
244	1st field	Presence	1st field	1st field		04	07	Yes		02	03	02	03			
245	1st field			1st field		04	07					02	03			
248	1st field			1st field		04	07					02	03			
252	1st field			1st field		04	07									
254	1st field			1st field		04	07					02	03			
258	1st field			1st field		04	07					02	03			
259	1st field			1st field		04	07					02	03			
260	1st field			1st field		04	07					02	03			
264	1st field			1st field		04	07					02	03			
268	1st field	Presence		1st field		04	07	Yes				02	03			
273	1st field		1st field	1st field		04	07			02	03	02	03			
281	1st field		1st field			04	07			02	03					
300	1st field	Presence		1st field		04	07	Yes				02	03			
301	1st field			1st field		04	07					02	03			
302	1st field	Presence														
304	1st field			1st field		04	07					02	03			

SCHEME 4A1 – CLASS II DNA HLA TYPING AT 1ST FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLES 4A1 07/2014 DESPATCHED ON 10TH JUNE 2014

						DRB1* 04	DRB1* 13	DRB3* 03 blank	DRB4* 01 blank	DQA1* 01 blank	DQA1* 03 blank	DQB1* 03 blank	DQB1* 06 blank	DPA1* 01	DPA1* 01/blank	Acceptable Unacceptable	
1st field																	
Result Summary																	
Number Acceptable 1st field						93	93	14	15	21	21	86	87	5	5		
Number Acceptable Presence						—	—	28	28	—	—	—	—	—	—		
Number Unacceptable						0	0	2	1	1	1	2	1	0	0		
Number NT						0	0	0	0	0	0	0	0	0	0		
Lab No.	DRB1* 93	DRB3*4*/5* 14 30	DQA1* 22	DQB1* 88	DPA1* 5	DRB1* 04	DRB1* 13	DRB3* 03	DRB4* 01	DQA1* 01	DQA1* 03	DQB1* 03	DQB1* 06	DPA1* 01	DPA1* 01		
6	1st field	1st field	1st field	1st field	1st field	04	13	03	01	01	03	03	06	01	01		
9	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
11	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
12	1st field	1st field		1st field		04	13	03	01			03	06				
14	1st field	1st field	1st field	1st field		04	13	03	01	01	03	03	06				
15	1st field	1st field		1st field		04	13	03	01			03	06				
16	1st field	1st field		1st field		04	13	03	01			03	06				
19	1st field	1st field	1st field	1st field		04	13	03	01	01	03	03	06				
20	1st field	Presence	1st field	1st field		04	13	Yes	Yes	01	03	03	06				
23	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
24	1st field	1st field		1st field		04	13	03	01			03	06				
25	1st field	1st field		1st field		04	13	03	01			03	06				
26	1st field			1st field		04	13					03	06				
28	1st field	Presence	1st field	1st field	1st field	04	13	Yes	Yes	01	03	03	06	01			
29	1st field		1st field	1st field		04	13			01	03	03	06				
34	1st field	Presence		1st field		04	13	Yes	Yes	01	03	03	06				
35	1st field		1st field	1st field		04	13			01	03	03	06				
38	1st field	Presence	1st field	1st field		04	13	Yes	Yes	01	03	03	06	01			
39	1st field	Presence		1st field	1st field	04	13	Yes	Yes			03	06	01			
41	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
42	1st field	1st field	1st field	1st field	1st field	04	13	03	01	01	03	03	06	01			
45	1st field	Presence	1st field	1st field		04	13	Yes	Yes	01	03	03	06				
48	1st field	1st field	1st field	1st field		04	13	03	01	01	03	03	06				
51	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
54	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
58	1st field	1st field	1st field	1st field	1st field	04	13	03	01	01	03	03	06	01			
62	1st field	Presence	1st field	1st field		04	13	Yes	Yes	01	03	03	06	01			
69	1st field					04	13										
78	1st field			1st field		04	13					03	06				
86	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
100	1st field	1st field		1st field		04	13	03	01			03	06				
103	1st field					04	13										
108	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
109	1st field			1st field		04	13					03	06				
112	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
115	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
119	1st field		1st field	1st field		04	13			01	03	03	06				
123	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
124	1st field			1st field		04	13					03	06				
127	1st field	1st field	1st field	1st field		04	13	03	01	01	03	03	06				
128	1st field			1st field		04	13					03	06				
130	1st field			1st field		04	13					03	06				
132	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
133	1st field			1st field		04	13					03	06				
141	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
142	1st field			1st field		04	13					03	06				
155	1st field			1st field		04	13					03	06				
156	1st field	Presence	1st field	1st field		04	13	Yes	Yes	01	03	03	06				
159	1st field		1st field	1st field		04	13					03	06				
172	1st field		1st field	1st field		04	13			01	03	03	06				
185	1st field			1st field		04	13					03	06				
187	1st field			1st field		04	13					03	06				
189	1st field			1st field		04	13					03	06				
190	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
191	1st field			1st field		04	13					03	06				
195	1st field			1st field		04	13					03	06				
197	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
205	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
207	1st field			1st field		04	13					03	06				
210	1st field			1st field		04	13					03	06				
211	1st field			1st field		04	13					03	06				
212	1st field			1st field		04	13					03	06				
213	1st field			1st field		04	13					03	06				
214	1st field			1st field		04	13					03	06				
215	1st field					04	13										
216	1st field			1st field		04	13					03	06				
217	1st field			1st field		04	13					03	06				
222	1st field					04	13										
223	1st field			1st field		04	13					03	06				
225	1st field			1st field		04	13					03	06				
229	1st field			1st field		04	13					03	06				
230	1st field			1st field		04	13					03	06				
231	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
232	1st field		1st field	1st field		04	13	03	01			03	06				
239	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
240	1st field			1st field		04	13					03	06				
241	1st field			1st field		04	13					03	06				
242	1st field			1st field		04	13										
244	1st field	Presence	1st field	1st field		04	13	Yes	Yes	01	03	03	06				
245	1st field			1st field		04	13					03	06				
248	1st field			1st field		04	13					03	06				
252	1st field			1st field		04	13										
254	1st field			1st field		04	13					03	06				
258	1st field			1st field		04	13					03	06				
259	1st field			1st field		04	13					03	06				
260	1st field			1st field		04	13					03	06				
264	1st field					04	13										
268	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
273	1st field		1st field	1st field		04	13			01	03	03	06				
281	1st field		1st field							01	03						
300	1st field	Presence		1st field		04	13	Yes	Yes			03	06				
301	1st field			1st field		04	13					03	06				
302	1st field	Presence															
304	1st field			1st field		04	13					03	06				

SCHEME 4A1 – CLASS II DNA HLA TYPING AT 1ST FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLES 4A1 08/2014 DESPATCHED ON 10TH JUNE 2014

	DRB1* 04	DRB1* 12	DRB3* 02 blank	DRB4* 01 blank	DQA1* 03 blank	DQA1* 05 blank	DQB1* 03 blank	DQB1* 03/blank	DPA1* 01	DPA1* 01/blank	Acceptable Unacceptable
1st field											
Result Summary											
Number Acceptable	93	93	14	15	21	21	87		5	5	
Number Acceptable Presence	—	—	28	28	—	—	—		—	—	
Number Unacceptable	0	0	2	1	1	1	1		0	0	
Number NT	0	0	0	0	0	0	0		0	0	

Lab No.	DRB1* 93	DRB3*/4*/5* 14 30	DQA1* 22	DQB1* 88	DPA1* 5	DRB1* 04	DRB1* 12	DRB3* 02	DRB4* 01	DQA1* 03	DQA1* 05	DQB1* 03	DQB1* 03/blank	DPA1* 01	DPA1* 01/blank
6	1st field	1st field	1st field	1st field	1st field	04	12	02	01	03	05	03	03	01	01
9	1st field	Presence		1st field		04	12	Yes	Yes						
11	1st field	Presence		1st field		04	12	Yes	Yes						
12	1st field	1st field		1st field		04	12	02	01						
14	1st field	1st field	1st field	1st field		04	12	02	01	03	05				
15	1st field	1st field		1st field		04	12	02	01						
16	1st field	1st field		1st field		04	12	02	01						
19	1st field	1st field	1st field	1st field		04	12	02	01	03	05				
20	1st field	Presence	1st field	1st field		04	12	Yes	Yes	03	05				
23	1st field	Presence		1st field		04	12	Yes	Yes						
24	1st field	1st field		1st field		04	12	02	01						
25	1st field	1st field		1st field		04	12	02	01						
26	1st field			1st field		04	12								
28	1st field	Presence	1st field	1st field	1st field	04	12	Yes	Yes	03	05			01	
29	1st field		1st field	1st field		04	12			03	05				
34	1st field	Presence		1st field		04	12	Yes	Yes	03	05				
35	1st field		1st field	1st field		04	12			03	05				
38	1st field	Presence		1st field		04	12	Yes	Yes	03	05				
39	1st field	Presence		1st field	1st field	04	12	Yes	Yes					01	
41	1st field	Presence		1st field		04	12	Yes	Yes						
42	1st field	1st field	1st field	1st field	1st field	04	12	02	01	03	05			01	
45	1st field	Presence	1st field	1st field		04	12	Yes	Yes	03	05				
48	1st field	1st field	1st field	1st field		04	12	02	01	03	05				
51	1st field	Presence		1st field		04	12	Yes	Yes						
54	1st field	Presence		1st field		04	12	Yes	Yes						
58	1st field	1st field	1st field	1st field	1st field	04	12	02	01	03	05			01	
62	1st field	Presence	1st field	1st field		04	12	Yes	Yes	03	05				
69	1st field					04	12								
78	1st field			1st field		04	12					03			
86	1st field	Presence		1st field		04	12	Yes	Yes			03	03		
100	1st field	1st field		1st field		04	12	02	01			03	03		
103	1st field					04	12								
108	1st field	Presence		1st field		04	12	Yes	Yes			03			
109	1st field			1st field		04	12					03			
112	1st field	Presence		1st field		04	12	Yes	Yes			03			
115	1st field	Presence		1st field		04	12	Yes	Yes			03			
119	1st field		1st field	1st field		04	12			03	05				
123	1st field	Presence		1st field		04	12	Yes	Yes			03			
124	1st field			1st field		04	12					03			
127	1st field	1st field	1st field	1st field		04	12	02	01	03	05		03		
128	1st field			1st field		04	12					03			
130	1st field			1st field		04	12					03			
132	1st field	Presence		1st field		04	12	Yes	Yes			03			
133	1st field			1st field		04	12					03			
141	1st field	Presence		1st field		04	12	Yes	Yes			03			
142	1st field			1st field		04	12					03	03		
155	1st field			1st field		04	12					03	03		
156	1st field	Presence	1st field	1st field		04	12	Yes	Yes	03	05		03		
159	1st field		1st field	1st field		04	12					03			
172	1st field		1st field	1st field		04	12			03	05		03	03	
185	1st field			1st field		04	12					03			
187	1st field			1st field		04	12					03	03		
189	1st field			1st field		04	12					03	03		
190	1st field	Presence		1st field		04	12	Yes	Yes			03			
191	1st field			1st field		04	12					03	03		
195	1st field			1st field		04	12					03			
197	1st field	Presence		1st field		04	12	Yes	Yes			03	03		
205	1st field	Presence		1st field		04	12	Yes	Yes			03	03		
207	1st field			1st field		04	12					03			
210	1st field			1st field		04	12					03	03		
211	1st field			1st field		04	12					03	03		
212	1st field			1st field		04	12					03	03		
213	1st field			1st field		04	12					03	03		
214	1st field			1st field		04	12					03	03		
215	1st field					04	12								
216	1st field			1st field		04	12					03	03		
217	1st field			1st field		04	12					03	03		
222	1st field					04	12								
223	1st field			1st field		04	12					03			
225	1st field			1st field		04	12					03			
229	1st field			1st field		04	12					03	03		
230	1st field			1st field		04	12					03	03		
231	1st field	Presence		1st field		04	12	Yes	Yes			03	03		
232	1st field			1st field		04	12	02	01			03			
239	1st field	Presence		1st field		04	12	Yes	Yes			03			
240	1st field			1st field		04	12					03	03		
241	1st field			1st field		04	12					03	03		
242	1st field			1st field		04	12					03			
244	1st field	Presence	1st field	1st field		04	12	Yes	Yes	03	05		03	03	
245	1st field			1st field		04	12					03	03		
248	1st field			1st field		04	12					03	03		
252	1st field			1st field		04	12								
254	1st field			1st field		04	12					03	03		
258	1st field			1st field		04	12					03	03		
259	1st field			1st field		04	12					03			
260	1st field			1st field		04	12					03			
264	1st field					04	12								
268	1st field	Presence		1st field		04	12	Yes	Yes			03			
273	1st field		1st field	1st field		04	12			03	05		03		
281	1st field		1st field			04	12			03	05				
300	1st field	Presence		1st field		04	12	Yes	Yes			03			
301	1st field			1st field		04	12					03	03		
302	1st field			1st field		04	12					03	03		
304	1st field			1st field		04	12					03			

SCHEME 4A1 – CLASS II DNA HLA TYPING AT 1ST FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLES 4A1 09/2014 DESPATCHED ON 10TH JUNE 2014

						DRB1* 03	DRB1* 04	DRB3* 01 blank	DRB4* 01 blank	DQA1* 03 blank	DQA1* 05 blank	DQB1* 02 blank	DQB1* 03 blank	DPA1* 01	DPA1* 01/blank	Acceptable Unacceptable	
1st field																	
Result Summary																	
Number Acceptable 1st field						93	93	14	15	21	21	87	87	5	5		
Number Acceptable Presence						—	—	28	28	—	—	—	—	—	—		
Number Unacceptable						0	0	2	1	1	1	1	1	0	0		
Number NT						0	0	0	0	0	0	0	0	0	0		
Lab No.	DRB1* 93	DRB3*4*/5* 14 30	DQA1* 22	DQB1* 88	DPA1* 5	DRB1* 03	DRB1* 04	DRB3* 01	DRB4* 01	DQA1* 03	DQA1* 05	DQB1* 02	DQB1* 03	DPA1* 01	DPA1* 01		
6	1st field	1st field	1st field	1st field	1st field	03	04	01	01	03	05	02	03	01	01		
9	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
11	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
12	1st field	1st field	1st field	1st field		03	04	01	01			02	03				
14	1st field	1st field	1st field	1st field		03	04	01	01	03	05	02	03				
15	1st field	1st field	1st field	1st field		03	04	01	01			02	03				
16	1st field	1st field	1st field	1st field		03	04	01	01			02	03				
19	1st field	1st field	1st field	1st field		03	04	01	01	03	05	02	03				
20	1st field	Presence	1st field	1st field		03	04	Yes	Yes	03	05	02	03				
23	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
24	1st field	1st field	1st field	1st field		03	04	01	01			02	03				
25	1st field	1st field	1st field	1st field		03	04	01	01			02	03				
26	1st field	1st field	1st field	1st field		03	04					02	03				
28	1st field	Presence	1st field	1st field	1st field	03	04	Yes	Yes	03	05	02	03	01			
29	1st field	1st field	1st field	1st field		03	04			03	05	02	03				
34	1st field	Presence	1st field	1st field		03	04	Yes	Yes	03	05	02	03				
35	1st field	1st field	1st field	1st field		03	04			03	05	02	03				
38	1st field	Presence	1st field	1st field		03	04	Yes	Yes	03	05	02	03				
39	1st field	Presence	1st field	1st field	1st field	03	04	Yes	Yes			02	03	01			
41	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
42	1st field	1st field	1st field	1st field	1st field	03	04	01	01	03	05	02	03	01			
45	1st field	Presence	1st field	1st field		03	04	Yes	Yes	03	05	02	03				
48	1st field	1st field	1st field	1st field		03	04	01	01	03	05	02	03				
51	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
54	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
58	1st field	1st field	1st field	1st field	1st field	03	04	01	01	03	05	02	03	01			
62	1st field	Presence	1st field	1st field		03	04	Yes	Yes	03	05	02	03	01			
69	1st field	1st field	1st field	1st field		03	04					02	03				
78	1st field	1st field	1st field	1st field		03	04					02	03				
86	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
100	1st field	1st field	1st field	1st field		03	04	01	01			02	03				
103	1st field	1st field	1st field	1st field		03	04					02	03				
108	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
109	1st field	1st field	1st field	1st field		03	04					02	03				
112	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
115	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
119	1st field	1st field	1st field	1st field		03	04			03	05	02	03				
123	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
124	1st field	1st field	1st field	1st field		03	04					02	03				
127	1st field	1st field	1st field	1st field		03	04	01	01	03	05	02	03				
128	1st field	1st field	1st field	1st field		03	04					02	03				
130	1st field	1st field	1st field	1st field		03	04					02	03				
132	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
133	1st field	1st field	1st field	1st field		03	04					02	03				
141	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
142	1st field	1st field	1st field	1st field		03	04					02	03				
155	1st field	1st field	1st field	1st field		03	04					02	03				
156	1st field	Presence	1st field	1st field		03	04	Yes	Yes	03	05	02	03				
159	1st field	1st field	1st field	1st field		03	04					02	03				
172	1st field	1st field	1st field	1st field		03	04			03	05	02	03				
185	1st field	1st field	1st field	1st field		03	04					02	03				
187	1st field	1st field	1st field	1st field		03	04					02	03				
189	1st field	1st field	1st field	1st field		03	04					02	03				
190	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
191	1st field	1st field	1st field	1st field		03	04					02	03				
195	1st field	1st field	1st field	1st field		03	04					02	03				
197	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
205	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
207	1st field	1st field	1st field	1st field		03	04					02	03				
210	1st field	1st field	1st field	1st field		03	04					02	03				
211	1st field	1st field	1st field	1st field		03	04					02	03				
212	1st field	1st field	1st field	1st field		03	04					02	03				
213	1st field	1st field	1st field	1st field		03	04					02	03				
214	1st field	1st field	1st field	1st field		03	04					02	03				
215	1st field	1st field	1st field	1st field		03	04					02	03				
216	1st field	1st field	1st field	1st field		03	04					02	03				
217	1st field	1st field	1st field	1st field		03	04					02	03				
222	1st field	1st field	1st field	1st field		03	04					02	03				
223	1st field	1st field	1st field	1st field		03	04					02	03				
225	1st field	1st field	1st field	1st field		03	04					02	03				
229	1st field	1st field	1st field	1st field		03	04					02	03				
230	1st field	1st field	1st field	1st field		03	04					02	03				
231	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
232	1st field	1st field	1st field	1st field		03	04	01	01			02	03				
239	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
240	1st field	1st field	1st field	1st field		03	04					02	03				
241	1st field	1st field	1st field	1st field		03	04					02	03				
242	1st field	1st field	1st field	1st field		03	04					02	03				
244	1st field	Presence	1st field	1st field		03	04	Yes	Yes	03	05	02	03				
245	1st field	1st field	1st field	1st field		03	04					02	03				
248	1st field	1st field	1st field	1st field		03	04					02	03				
252	1st field	1st field	1st field	1st field		03	04					02	03				
254	1st field	1st field	1st field	1st field		03	04					02	03				
258	1st field	1st field	1st field	1st field		03	04					02	03				
259	1st field	1st field	1st field	1st field		03	04					02	03				
260	1st field	1st field	1st field	1st field		03	04					02	03				
264	1st field	1st field	1st field	1st field		03	04					02	03				
268	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
273	1st field	1st field	1st field	1st field		03	04			03	05	02	03				
281	1st field	1st field	1st field	1st field		03	04			03	05	02	03				
300	1st field	Presence	1st field	1st field		03	04	Yes	Yes			02	03				
301	1st field	1st field	1st field	1st field		03	04					02	03				
302	1st field	1st field	1st field	1st field		03	04					02	03				
304	1st field	1st field	1st field	1st field		03	04					02	03				

SCHEME 4A1 – CLASS II DNA HLA TYPING AT 1ST FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLES 4A1 10/2014 DESPATCHED ON 10TH JUNE 2014

						DRB1* 04	DRB1* 11	DRB3* 02 blank	DRB4* 01 blank	DQA1* 03 blank	DQA1* 05 blank	DQB1* 03 blank	DQB1* 03/blank	DPA1* 01	DPA1* 01/blank	Acceptable Unacceptable
1st field																
Result Summary																
Number Acceptable 1st field						93	93	14	15	21	21	87	87	5	5	
Number Acceptable Presence						—	—	28	28	—	—	—	—	—	—	
Number Unacceptable						0	0	2	1	1	1	1	1	0	0	
Number NT						0	0	0	0	0	0	0	0	0	0	
Lab No.	DRB1* 93	DRB3*4*/5* 14 30	DQA1* 22	DQB1* 88	DPA1* 5	DRB1* 04	DRB1* 11	DRB3* 02	DRB4* 01	DQA1* 03	DQA1* 05	DQB1* 03	DQB1* 03	DPA1* 01	DPA1* 01	
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		04	11	Yes	Yes			03				
11	1st field	Presence		1st field		04	11	Yes	Yes			03				
12	1st field	1st field		1st field		04	11	02	01			03				
14	1st field	1st field	1st field	1st field		04	11	02	01	03	05	03				
15	1st field	1st field		1st field		04	11	02	01			03				
16	1st field	1st field		1st field		04	11	02	01			03				
19	1st field	1st field	1st field	1st field		04	11	02	01	03	05	03				
20	1st field	Presence	1st field	1st field		04	11	Yes	Yes	03	05	03				
23	1st field	Presence		1st field		04	11	Yes	Yes			03				
24	1st field	1st field		1st field		04	11	02	01			03				
25	1st field	1st field		1st field		04	11	02	01			03				
26	1st field			1st field		04	11					03				
28	1st field	Presence	1st field	1st field	1st field	04	11	Yes	Yes	03	05	03		01		
29	1st field		1st field	1st field		04	11			03	05	03				
34	1st field	Presence		1st field		04	11	Yes	Yes	03	05	03				
35	1st field		1st field	1st field		04	11			03	05	03				
38	1st field	Presence	1st field	1st field		04	11	Yes	Yes	03	05	03		01		
39	1st field	Presence		1st field	1st field	04	11	Yes	Yes			03		01		
41	1st field	Presence		1st field		04	11	Yes	Yes			03				
42	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03		01		
45	1st field	Presence	1st field	1st field		04	11	Yes	Yes	03	05	03				
48	1st field	1st field	1st field	1st field		04	11	02	01	03	05	03				
51	1st field	Presence		1st field		04	11	Yes	Yes			03				
54	1st field	Presence		1st field		04	11	Yes	Yes			03				
58	1st field	1st field	1st field	1st field	1st field	04	11	02	01	03	05	03		01		
62	1st field	Presence	1st field	1st field		04	11	Yes	Yes	03	05	03		01		
69	1st field					04	11									
78	1st field			1st field		04	11					03				
86	1st field	Presence		1st field		04	11	Yes	Yes			03	03			
100	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	Yes	Yes			03				
109	1st field			1st field		04	11					03				
112	1st field	Presence		1st field		04	11	Yes	Yes			03				
115	1st field	Presence		1st field		04	11	Yes	Yes			03				
119	1st field		1st field	1st field		04	11			03	05	03				
123	1st field	Presence		1st field		04	11	Yes	Yes			03				
124	1st field			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				
130	1st field			1st field		04	11					03				
132	1st field	Presence		1st field		04	11	Yes	Yes			03				
133	1st field			1st field		04	11					03				
141	1st field	Presence		1st field		04	11	Yes	Yes			03				
142	1st field			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	Yes	Yes	03	05	03				
159	1st field		1st field	1st field		04	11					03				
172	1st field		1st field	1st field		04	11			03	05	03	03			
185	1st field			1st field		04	11					03				
187	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	Yes	Yes			03				
191	1st field			1st field		04	11					03	03			
195	1st field			1st field		04	11					03				
197	1st field	Presence		1st field		04	11	Yes	Yes			03	03			
205	1st field	Presence		1st field		04	11	Yes	Yes			03	03			
207	1st field			1st field		04	11					03				
210	1st field			1st field		04	11					03	03			
211	1st field			1st field		04	11					03	03			
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				
225	1st field			1st field		04	11					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	Yes	Yes			03	03			
232	1st field			1st field		04	11	02	01			03				
239	1st field	Presence		1st field		04	11	Yes	Yes			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	Yes	Yes	03	05	03	03			
245	1st field			1st field		04	11					03	03			
248	1st field			1st field		04	11					03	03			
252	1st field			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									
268	1st field	Presence		1st field		04	11	Yes	Yes			03				
273	1st field		1st field	1st field		04	11			03	05	03				
281			1st field							03	05					
300	1st field	Presence		1st field		04	11	Yes	Yes			03				
301	1st field			1st field		04	11					03	03			
		Presence														
302	1st field			1st field		04	11					03	03			
304	1st field			1st field		04	11					03				