

SCHEME 4A2 – CLASS I & II DNA HLA TYPING TO 2ND FIELD RESOLUTION

METHODOLOGY

SAMPLES 4A2 06-10/2014 DESPATCHED ON 1ST JULY 2014

Lab No.	Date received	Date tested	Method used HLA-A	HLA-B	HLA-C	DRB1	DRB3,4,5	DQA1	DQB1	DPA1	DPB1	IMGT/HLA allele database release used	Source of Primers and Probes			Detection method	Comments	
													Commercial Kits	Own Design	Other			
9	02-Jul	various	SSP/SBT/LUM	SSP/SBT/LUM	SSP/SBT/LUM	SBT/LUM	SSP/LUM					3.16.0	Yes	Yes	Invitrogen, One Lambda	Gel/Fluorescence		
12	03-Jul	17-Jul	SBT	SBT	SBT	SBT	LUM					3.16.0	Yes	Yes	Life Technologies (SBT), One Lambda (LUM)	Gel (SBT), Fluorescence (LUM)		
15	03-Jul	11-Aug	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SSP					3.13.1.0	Yes	Yes	Olerup (SSP), Immucor (LUM), In-house (SBT)	Gel/Fluorescence		
19	03-Jul	04-Jul	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SSP					3.11 (LUM), 3.15.02 (SBT)	Yes	Yes	In-house SBT	Fluorescence (Immucor L/locodes)		
20	02-Jul	03-Jul	SSP/SBT	SSP/SBT	SSP/SBT	SSP/SBT	SSP					3.13.1	Yes	Yes		Fluorescence		
24	04-Jul	11-Jul	SSP/SBT/LUM	SSP/SBT/LUM	SSP/SBT/LUM	SSP/SBT/LUM	SSP/LUM					3.15	Yes	Yes	Olerup/Innotrain (SSP), GenDx (SBT), Immucor (LUM)	Gel/Fluorescence		
25	02-Jul	04+09-Jul	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM						3.16.0	Yes	Yes	Life Technologies (SBT), Genprobe (LUM)	Gel/Fluorescence		
26	02-Jul	02-Jul	SBT/LUM	SSP/SBT/LUM	SBT/LUM	SSP/SBT/LUM						3.15.0.0	Yes	Yes	Biorad (SSP), One Lambda (LUM)	Gel/Fluorescence		
29	02-Jul	10-Jul - 14-Aug	SSP/SSOP/SBT	SSP/SSOP/SBT	SSP/SBT	SSP/SSOP/SBT						3.16.0	Yes	Yes	Olerup (SSP), BAG (SSOP), Life Technologies (SBT)	Gel/Reverse Dot Blot		
34	02-Jul	SSP/SBT/LUM	SSP/SBT/LUM	SSP/SBT/LUM	SSP/SBT/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	January 2014	Yes	Yes	Innotrain, GenDx, One Lambda	Gel/Fluorescence		
35	02-Jul	13-Jul - 9-Aug	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM		Yes	Yes	One Lambda, Invitrogen, Olerup	Gel/Fluorescence		
38	02-Jul	2 - 28-Jul	SBT/LUM	SBT/LUM	SBT/LUM	SSP/LUM	SSP/LUM	SSP/LUM	LUM	SSP/LUM		3.16.0	Yes	Yes	One Lambda (SSP/LUM), Rose and In-house (SBT)	Gel/Fluorescence		
39	02-Jul	03-Jul	SSOP/SBT	SSOP/SBT	SSOP/SBT	SSOP	SSOP	SSOP	SSOP	SSOP		3.15.0	Yes	Yes	Invitrogen, One Lambda, SBT excellerator	Gel/Fluorescence		
42	02-Jul	08-Jul	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP		3.15 and 3.16 (DP locus only)	Yes	Yes	One Lambda, GenDx	Fluorescence		
45	03-Jul	14-Jul	SSP/SBT	SSP/SBT	SSP/SBT	SSP/SBT						03-Jan	Yes	Yes		Gel		
48	04-Jul	9-Jul - 6-Aug	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	LUM	SSP	SBT/LUM	SBT		3.16	Yes	Yes	Life Technologies, Alpha Biotech	Gel/Fluorescence		
62	08-Jul	9-Jul - 13-Aug	SSP/SBT/LUM	SSP/SBT/LUM	SSP/SBT/LUM	SSP/SBT/LUM	SSP/LUM					3.15.0	Yes	Yes	Olerup, One Lambda, In-house (SBT)	Gel/Fluorescence		
101	02-Jul	04-Aug	SBT	SBT	SBT	SBT/LUM							Yes	Yes		Fluorescence		
112	04-Jul	24-Jul	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM						Version Report 3.4.0	Yes	Yes	One Lambda	Gel/Fluorescence		
113	02-Jul	08-Jul	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP					3.13.1	Yes	Yes		Gel		
115	03-Jul	03-Jul	SSP	SSP	SSP	SSP						3.16.0.07	Yes	Yes	Olerup	Gel		
119	22-Jul	28-Jul	SSP/SBT	SSP/SBT	SSP/SBT	SSP/SBT/LUM							Yes	Yes	One Lambda, Olerup, Invitrogen, Abbott	Gel/Fluorescence		
123	02-Jul	7-Jul + 8-Aug	SSP	SSP	SSP	SSP	SSP						Yes	Yes	One Lambda	Gel/Fluorescence		
126	11-Jul	25-Jul + 5-Aug	SSP/SBT	SSP/SBT	SSP	SSP	SSP						Yes	Yes	Olerup (SSP), Conexio (SBT)	Gel/Fluorescence		
128	02-Jul	17-Jul	LUM	LUM	LUM	LUM							Yes	Yes	One Lambda	Gel/Fluorescence		
130	02-Jul	09-Jul	SSP/SBT	SSP/SBT	SSP/SBT	SSP/SBT	SSP						Yes	Yes	Olerup (SSP), GenDx (SBT)	Gel/Fluorescence		
132	02-Jul	8 - 29-Jul	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM	SSP/SSOP/LUM						3.16	Yes	Yes	Olerup (SSP), Immucor (LUM)	Gel/Luminex		
133	03-Jul	14 + 22-Jul	SSP/SBT	SSP/SBT	SSP/SBT	SSP/SBT							Yes	Yes	Olerup (SSP), GenDx (SBT)	Gel/Fluorescence		
141	12-Jul	01-Aug	SSP	SSP	SSP	SSP						3.16	Yes	Yes	Olerup	Gel		
142	02-Jul	29-Jul	SBT	SBT	SBT	SBT						3.16.0	Yes	Yes	Protrans	Fluorescence		
145	02-Jul	17-Jul	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP						Yes	Yes	Olerup (SSP), One Lambda (LUM)	Gel		
147	02-Jul	02-Jul	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM							Yes	Yes	Olerup, One Lambda	Gel/Fluorescence		
149	03-Jul	07-Jul	SSP/SBT/LUM	SSP/LUM	SSP/SBT	SSP/LUM							Yes	Yes	Protrans, Invitrogen, One Lambda, Abbott, Tepnel	Gel		
150	08-Jul	15-Jul	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM						January 2014	Yes	Yes		Fluorescence		
156	02-Jul	01-Aug	SSP/SBT	SSP/SBT	SSP/SBT	SSP/SBT							Yes	Yes	Olerup	Gel/ABI 3730		
158	02-Jul	28-Jul	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SSP					3.16.0	Yes	Yes	Olerup (SSP), Immucor (LUM), GenDx (SBT)	Gel/Fluorescence		
164	07-Jul	16 + 31-Jul + 11-Aug	SSP/SBT	SSP/SBT	SSP/SBT	SSP						3.13.1.0	Yes	Yes	Galera, Olerup	Gel/Fluorescence		
165	09-Jul	14-Jul	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSOP	SSP/SSOP	SSOP	SSP/SSOP		Yes	Yes	One Lambda	Gel/Fluorescence		
178	04-Jul	01-Aug	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP						Yes	Yes	Olerup, Invitrogen	Gel		
185	03-Jul	17-Jul	SBT/LUM	SSP/SBT/LUM	SSP/SBT/LUM	SBT/LUM	SSP/SBT						3.15	Yes	Yes	Olerup (SSP), Immucor (LUM), Protrans (SBT)	Gel/Fluorescence	
242	03-Jul	09-Jul	SBT	SBT	SBT	SBT							Yes	Yes		Fluorescence		
245	01-Jul	02-Jul	SBT/CDC	SBT/CDC	SBT	SBT/LUM	SSP					3.16.0	Yes	Yes	Olerup (SSP), One Lambda (LUM), Protrans (SBT)	Gel/Fluorescence		
248	02-Jul	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM							Yes	Yes		Gel/Fluorescence		
259	03-Jul	4-Jul + 5-6-Aug	SSP	SSP	SSP	SSP							Yes	Yes	Olerup	Gel		
260	03-Jul	05-Jul	SBT	SBT	SBT	SBT							Yes	Yes	GenDx	Gel		
267	02-Jul	14-Jul	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	LUM					3.14 (LUM), 3.16 (SBT)	Yes	Yes	Immucor (LUM), Protrans (SBT)	Fluorescence		
268	07-Jul	7 + 25-Jul	SSP/LUM/N6S	SSP/LUM/N6S	SSP/LUM/N6S	SSP/LUM/N6S	SSP					3.15.0	Yes	Yes	Olerup (SSP), One Lambda (LUM), N6S primers (in-house)	Gel/Fluorescence		
304	02-Jul	09-Jul	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM							Yes	Yes		Gel/Fluorescence		
312	03-Jul	22-Jul	SBT	SBT	SBT	SBT						3.16.0	Yes	Yes	Invitrogen	Fluorescence		

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

SCHEME 4A2 – CLASS I DNA HLA TYPING TO 2ND FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 06/2014 DESPATCHED ON 1ST JULY 2014

Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*	Comments
9	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
12	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	08:01	07:01/06/18/343	07:02/50/349	
15	2nd field	2nd field	2nd field	01:01/32/37/45/81	03:01/20/26/37/45/78	07:02/58/59/61/120	08:01/109	07:01/06/18/52/153/166	07:02/50/66//74/159/160	
19	2nd field	2nd field	2nd field	01:01:01:01	03:01:01:01	07:02:01	08:01:01/01:20	07:01:01:01/01:01:02	07:02:01:01/02:01:02/02:01:03	
20	2nd field	2nd field	2nd field	01:01	03:01	07:02/61/161N	08:01	07:01	07:02	
24	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
25	2nd field	2nd field	2nd field	01:01/23/100	03:01/63/164	07:02/05/06/29/61/161N	08:01/07/94	07:01/02/06/18/19/50/343	07:02/06/18/27/50/343/349	
26	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
29	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
34	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
35	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
38	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01/06/18	07:02	
39	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
42	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01/18/27	07:02/19/50	
45	2nd field	2nd field	2nd field	01:01:01:01	03:01:01:01	07:02:01	08:01:01	07:01	07:02:01	
48	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01/06/18/343	07:02/50/349	
62	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
101	2nd field	2nd field	2nd field	01:01	03:01	07:02/61/161N	08:01	07:01/06/18/19/343	07:02/27/50/349	
112	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01			
113	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
115	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
119	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
123	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
126	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
128				01	03	07	08	07		
130	2nd field	2nd field	2nd field	01:01:01:01	03:01:01	07:02:01	08:01:01	07:01:01	07:02:01	
132	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
133	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
141	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
142	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	08:01			
145	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
147	2nd field	2nd field	2nd field	01:01:01:01	03:01:01:01	07:02:01/61	08:01:01	07:01:01:01	07:02:01:03	
149	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
150	2nd field	2nd field	2nd field	01:01:01:01	03:01:01:01	07:02:01	08:01:01	07:01:01:01	07:02:01:03	
156	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01/109	07:01:01	07:02:01	
158	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
164	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
165	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
178	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
185	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	08:01	07:01/06/18/343	07:02/50	
242	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
245	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	08:01	07:01/06/18/343	07:02/50/349	
248	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
259	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
260	2nd field	2nd field	2nd field	01:01:01:01	03:01:01	07:02	08:01	07:01:01	07:02:01	
267	2nd field	2nd field	2nd field	01:01	03:01	07:02/61/161N	08:01	07:01/06/18/343	07:02/50/349	Alternative combination: C*07:19, 07:27
268	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
304	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
312	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01			

SCHEME 4A2 – CLASS I DNA HLA TYPING TO 2ND FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 07/2014 DESPATCHED ON 1ST JULY 2014

Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*	Comments
9	2nd field	2nd field	2nd field		11:01	40:01	40:02	02:02	03:04	
12	2nd field	2nd field	2nd field	02:01/01L	11:01	40:01	40:02	02:02	03:04	
15	2nd field	2nd field	2nd field	02:01/09/66/75/89	11:01/86/100/102	40:01/55/141/150/151	40:02/97/176	02:02/29	03:04	
19	2nd field	2nd field	2nd field	02:01:01:01	11:01:01	40:01:01:01:02:01:25/01:37	40:02:01	02:02:02	03:04:01:01/04:01:02	
20	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
24	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
25	2nd field	2nd field	2nd field	02:01/12/24/101/346	11:01/04/12/24/119	40:01/11	40:02/80	02:02/10/19/27	03:04/07/40	
26	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
29	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
34	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
35	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
38	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
39	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
42	2nd field	2nd field	2nd field	02:01/01L	11:01	40:01	40:02	02:02	03:04	
45	2nd field	2nd field	2nd field	02:01:01	11:01:01	40:01	40:02	02:02:02	03:04:01	
48	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
62	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
101	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
112	2nd field	2nd field	2nd field	02:01/09	11:01	40:01	40:02			
113	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
115	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
119	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
123	2nd field	2nd field	2nd field	02:01	11:01	50:01	40:02	02:02	03:04	
126	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
128				02	11	40		02	03	
130	2nd field	2nd field	2nd field	02:01:01:01	11:01:01	40:01	40:02:01	02:02:02	03:04:01	
132	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
133	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
141	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
142	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02			
145	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
147	2nd field	2nd field	2nd field	02:01:01	11:01:01	40:01:02	40:02:01	02:02:02	03:04:01	
149	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
150	2nd field	2nd field	2nd field	02:01:01:01	11:01:01	40:01:02	40:02:01	02:02:02:01	03:04:01:01	
156	2nd field	2nd field	2nd field	02:01	11:01	40:01/236/241/247/264	40:02	02:02	03:04	
158	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
164	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
165	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
178	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
185	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
242	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
245	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
248	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
259	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
260	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02:01	02:02	03:04	
267	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
268	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
304	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04	
312	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02			

SCHEME 4A2 – CLASS I DNA HLA TYPING TO 2ND FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 08/2014 DESPATCHED ON 1ST JULY 2014

Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*	Comments
9	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
12	2nd field	2nd field	2nd field	01:01	24:02/02L	08:01	27:05/13	02:02	07:01/06/18/343	
15	2nd field	2nd field	2nd field	01:01/32/37/45/81	24:02/76/79/150/153/154	08:01/109	27:05/13	02:02/29	07:01/06/18/52/153/166	
19	2nd field	2nd field	2nd field	01:01:01:01	24:02:01:01	08:01:01:01:20	27:05:02	02:02:02	07:01:01:01:01:02	
20	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
24	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
25	2nd field	2nd field	2nd field	01:01/14/21/30/69/95/100	24:02/04/17/46/239/243/260	08:01/71	27:05/13/90	02:02/16/43	07:01/06/18/22/207	
26	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
29	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
34	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
35	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
38	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01/06/18	
39	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
42	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01/18	
45	2nd field	2nd field	2nd field	01:01:01:01	24:02:01:02:40	08:01:01	27:05:02/27:13	02:02:02	07:01	
48	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05/13	02:02	07:01/06/18/343	
62	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
101	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05/13	02:02	07:01/06/18/343	
112	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05			
113	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
115	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
119	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
123	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
126	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
128				01	24	08	27	02	07	
130	2nd field	2nd field	2nd field	01:01:01:01	24:02:01:01:03	08:01:01	27:05:02	02:02:02	07:01:01	
132	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
133	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
141	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
142	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05			
145	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
147	2nd field	2nd field	2nd field	01:01:01:01	24:02:01:01	08:01:01	27:05:02/27:13	02:02:02	07:01:01:01	
149	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
150	2nd field	2nd field	2nd field	01:01:01:01	24:02:01:01	08:01:01	27:05:02	02:02:02:01	07:01:01:01	
156	2nd field	2nd field	2nd field	01:01	24:02	08:01/109	27:05/13	02:02	07:01	
158	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
164	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
165	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
178	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
185	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01/06/18/343	
242	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
245	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05/13	02:02	07:01/06/18/343	
248	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
259	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
260	2nd field	2nd field	2nd field	01:01:01:01	24:02	08:01:01	27:05:02	02:02:02	07:01	
267	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01/06/18/343	
268	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
304	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01	
312	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05			

SCHEME 4A2 – CLASS I DNA HLA TYPING TO 2ND FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 09/2014 DESPATCHED ON 1ST JULY 2014

Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*	Comments
9	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
12	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03/227	03:04	
15	2nd field	2nd field	2nd field	03:01/20/26/37/45/78	25:01/07	15:01/102/104/140/146/201		03:03/62/171	03:04/100/101/105/106	
19	2nd field	2nd field	2nd field	03:01:01:01	25:01:01	15:01:01:01		03:03:01	03:04:1:01/04:01:02	
20	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
24	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
25	2nd field	2nd field	2nd field	03:01/12/50/56/63	25:01/03/10/13/19	15:01		03:03/04	03:04/20N/227	
26	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
29	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
34	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
35	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
38	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
39	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
42	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
45	2nd field	2nd field	2nd field	03:01:01:01	25:01:01	15:01:01:01		03:03:01	03:04:01	
48	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03/227	03:04	
62	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
101	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03/20N/227	03:04	
112	2nd field	2nd field	2nd field	03:01	25:01	15:01				
113	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
115	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
119	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
123	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03		
126	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
128				03	25	15		03		
130	2nd field	2nd field	2nd field	03:01:01	25:01:01	15:01:01:01		03:03:01	03:04:01	
132	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
133	2nd field	2nd field	2nd field	03:01	25:01	15:01			03:04	
141	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
142	2nd field	2nd field	2nd field	03:01	25:01	15:01				
145	2nd field	2nd field	2nd field	03:01	25:01	15:01	15:01	03:03	03:04	
147	2nd field	2nd field	2nd field	03:01:01:01	25:01:01	15:01:01		03:03:01/227	03:04:01	
149	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
150	2nd field	2nd field	2nd field	03:01:01:01	25:01:01	15:01:01:01		03:03:01	03:04:01:01	
156	2nd field	2nd field	2nd field	03:01:01	25:01:01	15:01		03:03:01/227	03:04:01	
158	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
164	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
165	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
178	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
185	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
242	2nd field	2nd field	2nd field	03:01	25:01	15:01			03:04	
245	2nd field	2nd field	2nd field	03:01	25:01	15:01	15:01	03:03	03:04	
248	2nd field	2nd field	2nd field	03:01	25:01	15:01	15:01	03:03	03:04	
259	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
260	2nd field	2nd field	2nd field	03:01:01	25:01:01	15:01:01:01	15:01:01:01	03:03:01	03:04:01	
267	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
268	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
304	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04	
312	2nd field	2nd field	2nd field	03:01	25:01	15:01				

SCHEME 4A2 – CLASS I DNA HLA TYPING TO 2ND FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 10/2014 DESPATCHED ON 1ST JULY 2014

Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*	Comments
9	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
12	2nd field	2nd field	2nd field	03:01	26:01	07:02/61	38:01	07:02/50/349	12:03	
15	2nd field	2nd field	2nd field	0301/20/26/37/45/78	26:01/24/26/56	07:02/44/58/59/61/120	38:01	07:02/50/66/74/159/160	12:03	
19	2nd field	2nd field	2nd field	03:01:01:01	26:01:01	07:02:01	38:01:01	07:02:01:01/02:01:02/02:01:03	12:03:01:01/03:01:02	
20	2nd field	2nd field	2nd field	03:01	26:01	07:02/61/161N	38:01	07:02	12:03	
24	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
25	2nd field	2nd field	2nd field	03:01/50/63	26:01/43/65	07:02/07/61/161N/180	38:01/19	07:02/50/51/138/349	12:03/20/28	
26	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
29	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
34	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
35	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
38	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
39	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
42	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02/50/349	12:03	
45	2nd field	2nd field	2nd field	03:01:01:01	26:01:01	07:02:01	38:01:01	07:02:01	12:03:01	
48	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02/50/349	12:03	
62	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
101	2nd field	2nd field	2nd field	03:01	26:01	07:02/61/161N	38:01	07:02/50/349	12:03	
112	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01			
113	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
115	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
119	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
123	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
126	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
128				03	26	07	38	07	12	
130	2nd field	2nd field	2nd field	03:01:01	26:01:01	07:02:01	38:01:01	07:02:01	12:03:01	
132	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
133	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
141	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
142	2nd field	2nd field	2nd field	03:01	26:01	07:02/61	38:01			
145	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
147	2nd field	2nd field	2nd field	03:01:01:01	26:01:01	07:02:01/61	38:01:01	07:02:01:01/02:01:03	12:03:01:01	
149	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
150	2nd field	2nd field	2nd field	03:01:01:01	26:01:01	07:02:01	38:01:01	07:02:01:03	12:03:01:01	
156	2nd field	2nd field	2nd field	03:01:01	26:01:01	07:02/169	38:01:01	07:02	12:03	
158	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
164	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
165	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
178	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
185	2nd field	2nd field	2nd field	03:01	26:01	07:02/61	38:01	07:02/50	12:03	
242	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
245	2nd field	2nd field	2nd field	03:01	26:01	07:02/61	38:01	07:02/50/349	12:03	
248	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
259	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
260	2nd field	2nd field	2nd field	03:01:01	26:01:01	07:02:01	38:01:01	07:02	12:03	
267	2nd field	2nd field	2nd field	03:01	26:01	07:02/61/161N	38:01	07:02/50/349	12:03	
268	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
304	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03	
312	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01			

SCHEME 4A2 – CLASS I DNA HLA TYPING TO 2ND FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 06/2014 DESPATCHED ON 1ST JULY 2014

				A*	A*	B*	B*	C*	C*	
				01:01	03:01	07:02	08:01	07:01	07:02	Acceptable
2nd field				01:23/32/37/45	03:20/26/37/45/63	07:05/58/59/61	08:07	07:06/18/19/27/52	07:19/27/50/66/74/159/160/349	Acceptable
						07:06/29		07:02/50	07:06/18	Unacceptable
Result Summary										
Number Acceptable 2nd field				48	48	47	48	44	44	
Number Unacceptable				0	0	1	0	1	1	
Number NT				0	0	0	0	0	0	
Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*	
	48	48	45							
9	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
12	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	08:01	07:01/06/18	07:02/50	
15	2nd field	2nd field	2nd field	01:01/32/37/45	03:01/20/26/37/45	07:02/58/59/61	08:01	07:01/06/18/52	07:02/50/66//74	
19	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
20	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	08:01	07:01	07:02	
24	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
25	2nd field	2nd field	2nd field	01:01/23	03:01/63	07:02/05/06/29/61	08:01/07	07:01/02/06/18/19/50	07:02/06/18/27/50	
26	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
29	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
34	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
35	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
38	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01/06/18	07:02	
39	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
42	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01/18/27	07:02/19/50	
45	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
48	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01/06/18	07:02/50	
62	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
101	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	08:01	07:01/06/18/19	07:02/27/50	
112	2nd field	2nd field		01:01	03:01	07:02	08:01			
113	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
115	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
119	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
123	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
126	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
130	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
132	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
133	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
141	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
142	2nd field	2nd field		01:01	03:01	07:02/61	08:01			
145	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
147	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	08:01	07:01	07:02	
149	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
150	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
156	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
158	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
164	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
165	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
178	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
185	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	08:01	07:01/06/18	07:02/50	
242	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
245	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	08:01	07:01/06/18	07:02/50	
248	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
259	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
260	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
267	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	08:01	07:01/06/18/19	07:02/50/27	
268	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
304	2nd field	2nd field	2nd field	01:01	03:01	07:02	08:01	07:01	07:02	
312	2nd field	2nd field		01:01	03:01	07:02	08:01			

SCHEME 4A2 – CLASS I DNA HLA TYPING TO 2ND FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 07/2014 DESPATCHED ON 1ST JULY 2014

	A* 02:01	A* 11:01	B* 40:01	B* 40:02	C* 02:02	C* 03:04	
2nd field	02:09/12/24/66/75/89/101	11:04/12/24	40:11/55 50:01	40:80/97	02:10/19/27/29	03:07/40	Acceptable Acceptable Unacceptable

Result Summary

Number Acceptable 2nd fie	48	48	47	48	45	45
Number Unacceptable	0	0	1	0	0	0
Number NT	0	0	0	0	0	0

Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*
9	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
12	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
15	2nd field	2nd field	2nd field	02:01/09/66/75/89	11:01	40:01/55	40:02/97	02:02/29	03:04
19	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
20	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
24	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
25	2nd field	2nd field	2nd field	02:01/12/24/101	11:01/04/12/24	40:01/11	40:02/80	02:02/10/19/27	03:04/07/40
26	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
29	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
34	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
35	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
38	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
39	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
42	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
45	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
48	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
62	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
101	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
112	2nd field	2nd field	2nd field	02:01/09	11:01	40:01	40:02	02:02	03:04
113	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
115	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
119	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
123	2nd field	2nd field	2nd field	02:01	11:01	50:01	40:02	02:02	03:04
126	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
130	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
132	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
133	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
141	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
142	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
145	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
147	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
149	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
150	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
156	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
158	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
164	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
165	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
178	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
185	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
242	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
245	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
248	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
259	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
260	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
267	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
268	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
304	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04
312	2nd field	2nd field	2nd field	02:01	11:01	40:01	40:02	02:02	03:04

SCHEME 4A2 – CLASS I DNA HLA TYPING TO 2ND FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 08/2014 DESPATCHED ON 1ST JULY 2014

	A*	A*	B*	B*	C*	C*	
	01:01	24:02	08:01	27:05	02:02	07:01	Acceptable
2nd field	01:14/21/30/32/37/45	24:04/17/46/76/79		27:13	02:16/29	07:06/18/22/52	Acceptable

Result Summary

Number Acceptable 2nd fie	48	48	48	48	45	45
Number Unacceptable	0	0	0	0	0	0
Number NT	0	0	0	0	0	0

Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*
	48	48	45						
9	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
12	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05/13	02:02	07:01/06/18
15	2nd field	2nd field	2nd field	01:01/32/37/45	24:02/76/79	08:01	27:05/13	02:02/29	07:01/06/18/52
19	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
20	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
24	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
25	2nd field	2nd field	2nd field	01:01/14/21/30	24:02/04/17/46	08:01	27:05/13	02:02/16	07:01/06/18/22
26	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
29	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
34	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
35	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
38	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01/06/18
39	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
42	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01/18
45	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05/13	02:02	07:01
48	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05/13	02:02	07:01/06/18
62	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
101	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05/13	02:02	07:01/06/18
112	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05		
113	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
115	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
119	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
123	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
126	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
130	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
132	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
133	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
141	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
142	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05		
145	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
147	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05/13	02:02	07:01
149	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
150	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
156	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05/13	02:02	07:01
158	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
164	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
165	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
178	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
185	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01/06/18
242	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
245	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05/13	02:02	07:01/06/18
248	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
259	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
260	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
267	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01/06/18
268	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
304	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05	02:02	07:01
312	2nd field	2nd field	2nd field	01:01	24:02	08:01	27:05		

SCHEME 4A2 – CLASS I DNA HLA TYPING TO 2ND FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 09/2014 DESPATCHED ON 1ST JULY 2014

	A* 03:01	A* 25:01	B* 15:01	B* 15:01/blank	C* 03:03	C* 03:04	Acceptable Acceptable Unacceptable
2nd field	03:12/20/26/37/45/50/63	25:03/07/10	15:102/104/140/146		03:20N/62 03:04 / blank	03:20N / blank	

Result Summary

Number Acceptable 2nd fie	48	48	48	48	42	44
Number Unacceptable	0	0	0	0	3	1
Number NT	0	0	0	0	0	0

Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*
	48	48	45						
9	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
12	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
15	2nd field	2nd field	2nd field	03:01/20/26/37/45	25:01/07	15:01/102/104/140/146		03:03/62	03:04
19	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
20	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
24	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
25	2nd field	2nd field	2nd field	03:01/12/50/56/63	25:01/03/10	15:01		03:03/04	03:04/20N
26	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
29	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
34	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
35	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
38	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
39	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
42	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
45	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
48	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
62	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
101	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03/20N	03:04
112	2nd field	2nd field	2nd field	03:01	25:01	15:01			
113	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
115	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
119	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
123	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
126	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
126	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
132	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
133	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
141	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
142	2nd field	2nd field	2nd field	03:01	25:01	15:01	15:01		
145	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
147	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
149	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
150	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
156	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
158	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
164	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
165	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
178	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
185	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
242	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
245	2nd field	2nd field	2nd field	03:01	25:01	15:01	15:01	03:03	03:04
248	2nd field	2nd field	2nd field	03:01	25:01	15:01	15:01	03:03	03:04
259	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
260	2nd field	2nd field	2nd field	03:01	25:01	15:01	15:01	03:03	03:04
267	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
268	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
304	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04
312	2nd field	2nd field	2nd field	03:01	25:01	15:01		03:03	03:04

SCHEME 4A2 – CLASS I DNA HLA TYPING TO 2ND FIELD RESOLUTION

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 10/2014 DESPATCHED ON 1ST JULY 2014

	A* 03:01	A* 26:01	B* 07:02	B* 38:01	C* 07:02	C* 12:03	Acceptable
2nd field	03:20/26/37/45/50/63	26:24/26	07:07/44/58/59/61	38:19/67:01	07:50/51/66/74	12:20/28	Acceptable

Result Summary

Number Acceptable 2nd fie	48	48	48	48	45	45
Number Unacceptable	0	0	0	0	0	0
Number NT	0	0	0	0	0	0

Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*
	48	48	45						
9	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
12	2nd field	2nd field	2nd field	03:01	26:01	07:02/61	38:01	07:02/50	12:03
15	2nd field	2nd field	2nd field	03:01/20/26/37/45	26:01/24/26	07:02/44/58/59/61	38:01	07:02/50/66/74	12:03
19	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
20	2nd field	2nd field	2nd field	03:01	26:01	07:02/61	38:01	07:02	12:03
24	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
25	2nd field	2nd field	2nd field	03:01/50/63	26:01	07:02/07/61	38:01/19	07:02/50/51	12:03/20/28
26	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
29	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
34	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
35	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
38	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
39	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
42	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02/50	12:03
45	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
48	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02/50	12:03
62	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
101	2nd field	2nd field	2nd field	03:01	26:01	07:02/61	38:01	07:02/50	12:03
112	2nd field	2nd field		03:01	26:01	07:02	38:01		
113	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
115	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
119	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
123	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
126	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
130	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
132	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
133	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
141	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
142	2nd field	2nd field		03:01	26:01	07:02/61	38:01		
145	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
147	2nd field	2nd field	2nd field	03:01	26:01	07:02/61	38:01	07:02	12:03
149	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
150	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
156	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
158	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
164	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
165	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
178	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
185	2nd field	2nd field	2nd field	03:01	26:01	07:02/61	38:01	07:02/50	12:03
242	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
245	2nd field	2nd field	2nd field	03:01	26:01	07:02/61	38:01	07:02/50	12:03
248	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
259	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
260	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
267	2nd field	2nd field	2nd field	03:01	26:01	07:02/61	38:01	07:02/50	12:03
268	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
304	2nd field	2nd field	2nd field	03:01	26:01	07:02	38:01	07:02	12:03
312	2nd field	2nd field		03:01	26:01	07:02	38:01		