

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

METHODOLOGY

SAMPLES 4A2 01-05/2015 DESPATCHED ON 3RD FEBRUARY 2015

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			Kit manufacturer	Detection method	
														Commercial Kits	Own Design	Other			
9	04-Feb		SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SSP/LUM									Yes		One Lambda, Invitrogen	Gel/Fluorescence
12	04-Feb	10-Feb	SBT	SBT	SBT	SBT	SSP									Yes		Life Technologies	Gel
15	04-Feb	23-Feb	SBT	SBT	SBT	SSP										Yes		Olerup SSP	Gel
19	05-Feb	12-Feb	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SSP/LUM								Yes	Yes	Immucor, Lifematch	Gel/Fluorescence
20	04-Feb	05-Feb	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes	Yes		Fluorescence
23	04-Feb	04-Feb	LUM													Yes		One Lambda, Life Technologies	Gel/Fluorescence
24	05-Feb	10-Feb	SSP/SSOP	SBT/LUM	SBT/LUM	SBT/LUM	SSP/SSOP	SSP/SSOP								Yes		Immucor, Olerup, GenDx	Gel/Fluorescence
26	05-Feb	05-Feb	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes	Yes	One Lambda, VH Bio	Fluorescence
29	05-Feb	25-Feb	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		ThermoFisher, Olerup	Gel/Fluorescence
34	04-Feb		SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		Innotrain, One Lambda, GenDx	Gel/Fluorescence
35	04-Feb	09-Mar	SSOP/SSOP	SSOP/SSOP	SSOP/SSOP	SSOP/SSOP	SSOP/SSOP	SSOP/SSOP								Yes		One Lambda, GenDx, ThermoFisher	Gel/Fluorescence
38	04-Feb	23-Feb	SBT/LUM	SBT/LUM	SBT/LUM	SSP/LUM	SSP/LUM	SSP/LUM								Yes	Yes	One Lambda	Gel/Fluorescence
39	10-Feb	05-Mar	SBT/LUM	SBT/LUM	SBT/LUM	SSP/LUM	SSP/LUM	SSP/LUM								Yes		One Lambda, GenDx, Olerup	Gel/Fluorescence
42	04-Feb	09-Feb	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SSP/LUM	SSP/LUM								Yes		One Lambda, GenDx	Fluorescence
45	05-Feb	17-Feb	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes	Yes		Fluorescence
48	05-Feb	10-Mar	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	LUM	SSP								Yes		Life Technologies, Alpha Biotech	Gel/Fluorescence
62	05-Feb	16-Mar	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		One Lambda, Olerup, Lifetech	Gel/Fluorescence
101	04-Feb	16-Feb	SBT/LUM	SBT/LUM	SSP/SSOP	SBT/LUM	SSP/LUM									Yes			Gel/Fluorescence
112	06-Feb	19-Mar	SSOP	SSOP	SSOP	SSOP	SSOP	SSOP								Yes		One Lambda	Fluorescence
113	04-Feb	04-Feb	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		One Lambda, Olerup	Gel/Fluorescence
115	04-Feb	05-Feb	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		Olerup, GenDx	Gel
119	04-Feb	10-Feb	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		One Lambda, Invitrogen, Olerup, Abbott	Gel/Fluorescence
123	04-Feb	13-Mar	SSP	SSP	SSP	SSP	SSP	SSP								Yes		One Lambda	Gel/Fluorescence
126	09-Feb	18-Feb	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		Olerup, Conexio Genomics	Gel
128	04-Feb	05-Feb	LUM	LUM	LUM	LUM	LUM	LUM								Yes		One Lambda	Gel/Fluorescence
130	04-Feb	10-Feb	SSP/SSOP	SBT	SBT	SBT	SSP	SSP								Yes		Olerup, GenDx	Gel/Fluorescence
132	04-Feb	10-Mar	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		Olerup, Imucor, Holotype	Gel/Fluorescence/Luminex/Miseq Illumina
133	05-Feb	19-Feb	SBT	SBT	SBT	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		Olerup, GenDx	Gel/Fluorescence
141	04-Feb	10-Mar	SSP	SSP	SSP	SSP	SSP	SSP								Yes		Olerup	Gel
142	04-Feb		SBT	SBT	SBT	SBT	SSP	SSP								Yes		Protrans	Fluorescence
145	04-Feb	19-Feb	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM								Yes		One Lambda, Olerup, Invitrogen	Gel
147	04-Feb	04-Feb	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM	SSP	SSP								Yes	Yes	One Lambda, Olerup	Gel/Fluorescence
149	05-Feb	06-Feb	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		Olerup, Invitrogen, Abbott, Innotrain, One Lambda	Gel
150	06-Feb	09-Feb	SBT/LUM	SBT/LUM	SBT/LUM	SBT/LUM										Yes		One Lambda, Roche	Fluorescence
156	05-Feb	01-Mar	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes	Yes	Olerup	Gel/ABI3730
164	06-Feb	09-Feb	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		Celera, Olerup	Gel/Fluorescence
165	05-Feb	13-Mar	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		One Lambda	Gel/Fluorescence
178	06-Feb	20-Mar	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM								Yes		Olerup, Invitrogen	Gel
185	04-Feb	19-Feb	SBT/LUM	SSP/SSOP	SSP/SSOP	SBT/LUM	SSP/SSOP	SSP/SSOP								Yes		Olerup, Protrans	Gel/Fluorescence
242	05-Feb	13-Feb	SBT	SBT	SBT	SBT	SSP	SSP								Yes		Protrans	Fluorescence
245	05-Feb	05-Feb	SBT/NGS	SBT/NGS	SBT/NGS	SBT/LUM/NGS	SSP	SSP								Yes		Invitrogen, Olerup, One Lambda, Protrans, GenDx	Gel/Fluorescence
248		04-Mar	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP	SSP/SSOP								Yes		Olerup	Gel/Fluorescence
259	05-Feb	12-Mar	SSP	SSP	SSP	SSP	SSP	SSP								Yes		Olerup	Gel
260	05-Feb	13-Feb	SBT	SBT	SBT	SBT	SSP	SSP								Yes		Qiagen, GenDx	Fluorescence
267	04-Feb	11-Feb	SBT	SBT	SBT	SBT	SSP	SSP								Yes		Protrans	Fluorescence
268	06-Feb	12-Mar	SSP/LUM/NGS	SSP/LUM/NGS	SSP/LUM/NGS	SSP/LUM/NGS	SSP	SSP								Yes		Olerup, One Lambda, GenDx	Gel/Fluorescence
304	05-Feb	10-Feb	SSP/LUM	SSP/LUM	SSP/LUM	SSP/LUM										Yes		Ingen	Gel/Fluorescence
312	05-Feb	10-Feb	SBT	SBT	SBT	SBT										Yes			Fluorescence
322	05-Feb	12-Feb	LUM	LUM	LUM	LUM										Yes			Fluorescence
328	20-Feb	09-Mar	SBT	SBT	SBT	SBT										Yes		Illumina	NGS

* Methods used
 SSP = PCR-SSP
 SSOP = PCR-SSOP
 rev/SSOP = reverse SSOP
 LUM = Luminex

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 01/2015 DESPATCHED ON 3RD FEBRUARY 2015

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	57:01	06:02	07:02	
12	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	57:01	06:02/83	07:02/50/349	Ambiguous combination of: C*06:31 & C*07:241
15	2nd field	2nd field	2nd field	01:01/32/37/45/81/103/107/109/132/141/142/155	03:01/20/26/37/45/78/112/118/132/134/182	07:02/44/58/59/61/120/128/129/130/156/169		06:02/55/73/83/111/146	07:02/50/66/74/159/160/167/245/308/348/349/359	
19	2nd field	2nd field	2nd field	01:01:01:01	03:01:01:01	07:02:01	57:01:01	06:02:01:01/02/03	07:02:01:01/02/03/04/05	
20	2nd field	2nd field	2nd field	01:01	03:01	07:02/61/161N	57:01	06:02/83	07:02	
23										Class I not to be assessed for 4A2 01-05/2015 - assess Class I to 2nd field for 4A2 06-10/2015 only, unless otherwise stated.
24	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
26	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02/83	07:02	
29	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02/50/349	
34	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
35	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
38	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
39	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
42	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02/50/349	
45	2nd field	2nd field	2nd field	01:01:01:01	03:01:01:01	07:02:01	57:01:01	06:02:01/06:83	07:02:01	
48	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02/83	07:02/50/349	
62	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
101	2nd field	2nd field	2nd field	01:01	03:01	07:02/61/161N	57:01	06:02/83	07:02/50/349	
112	2nd field	2nd field		01:01	03:01	07:02	57:01			
113	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
115	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
119	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
123	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
126	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
128				01	03	07	57	06	07	
130	2nd field	2nd field	2nd field	01:01:01:01	03:01:01	07:02:01	57:01:01	06:02:01	07:02:01	
132	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
133	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
141	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
142	2nd field	2nd field		01:01	03:01	07:02	57:01			Cannot exclude B*07:61 or B*07:161N
145	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
147	2nd field	2nd field	2nd field	01:01:01:01	03:01:01:01	07:02:01/45/07:61	57:01:01	06:02:01:01	07:02:01	
149	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
150	2nd field	2nd field	2nd field	01:01:01	03:01:01:01/02N/03	07:02:01	57:01:01	06:02:01	07:02:01:01/02/03/04/05	
156	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
164	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
165	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
178	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
185	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02/50	
242	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
245	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
248	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	06:02	
259	2nd field	2nd field	2nd field	01:01:01:01	03:01	07:02	57:01:01	06:02:01:01	07:02:01:01	
260	2nd field	2nd field	2nd field	01:01:01:01	03:01:01	07:02:01	57:01:01	06:02:01	07:02:01	A*01:01:01:01, 03:01:01 is ambiguous with A*01:98, 03:150
267	2nd field	2nd field	2nd field	01:01	03:01	07:02/61/161N	57:01	06:02	07:02/50/349	
268	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
304	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
312	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02	
322	1st field	1st field	1st field	01	03	07	57	06	07	Missed samples 4A1 so assess at 1st field only
328	2nd Field	2nd Field	2nd Field	01:01:01:01/02N	03:01:01:01/02N/03	07:02:01:07:61/49N/161N	57:01:01	06:02:01:02/03/06:83	07:02:01:01/02/03/04/05	

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 02/2015 DESPATCHED ON 3RD FEBRUARY 2015

Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*	Comments
9	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
12	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01/30/82	12:03	Ambiguous combination of: B*35:68 & B*38:20
15	2nd field	2nd field	2nd field	03:01/20/26/37/45/78/112/118/132/134/182	29:02/26/46/75	35:01/42/57/94/161/227/241/245/250	38:01	04:01/28/30/41/79/82/84/106/144/146/161/162/165	12:03/23/109/110/111/125/143	
19	2nd field	2nd field	2nd field	03:01:01:01	29:02:01:01:02	35:01:01:01:02	38:01:01	04:01:01:01/02/03/04/05	12:03:01:01:02	
20	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01	12:03	
23										Class I not to be assessed for 4A2 01-05/2015 - assess Class I to 2nd field for 4A2 06-10/2015 only, unless otherwise stated.
24	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
26	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01/82	12:03	
29	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01	12:03	
34	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
35	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01	12:03	
38	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
39	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
42	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01	12:03	
45	2nd field	2nd field	2nd field	03:01:01:01	29:02:01	35:01:01	38:01:01	04:01:01/04:82	12:03:01	
48	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01	12:03/143	
62	2nd field	2nd field	2nd field	03:01:01	29:02:01	35:01	38:01:01	04:01:01	12:03:01	
101	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01	12:03	
112	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
113	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
115	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
119	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
123	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
126	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
128				03	29	35	38	04	12	
130	2nd field	2nd field	2nd field	03:01:01	29:02:01	35:01:01	38:01:01	04:01:01	12:03:01	
132	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
133	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
141	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
142	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
145	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
147	2nd field	2nd field	2nd field	03:01:01:01	29:02:01	35:01:01	38:01:01	04:01:01:05	12:03:01:01/12:143	
149	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
150	2nd field	2nd field	2nd field	03:01:01:01/02N/03	29:02:01	35:01:01	38:01:01	04:01:01	12:03:01:01/02	
156	2nd field	2nd field	2nd field	03:01:01	29:02:01	35:01	38:01:01	04:01:01	12:03:01	
164	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
165	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
178	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
185	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01/30/82	12:03	
242	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
245	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
248	2nd field	2nd field	2nd field	03:01	29:01	35:01	38:01	04:01	12:03	
259	2nd field	2nd field	2nd field	03:01	29:02:01:01	35:01:01:01	38:01:01	04:01:01:01	12:03:01:01	
260	2nd field	2nd field	2nd field	03:01:01	29:02:01	35:01:01	38:01:01	04:01:01	12:03:01	
267	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01/30/82	12:03	
268	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
304	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
312	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03	
322	1st field	1st field	1st field	03	29	35	38	04	12	Missed samples 4A1 so assess at 1st field only
328	2nd Field	2nd Field	2nd Field	03:01:01:01/02N/03	29:02:01:01/02	35:01:01:01/02/35:01:23/35:42:01	38:01:01	04:01:01:01/02/03/04/05/04:82	12:03:01:01/02	

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 03/2015 DESPATCHED ON 3RD FEBRUARY 2015

Lab No.	A* res	B* res	C* res	A*	B*	B*	C*	C*	Comments	
9	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
12	2nd field	2nd field	2nd field	02:01/01L	49:01	50:01	06:02/83	07:01/06/18/343	Ambiguous combination of: C*06:31 & C*07:165	
15	2nd field	2nd field	2nd field	02:01/09/66/75/89/97/132/134/140/241/252/256/266/291/327	49:01	50:01/37	06:02/55/73/83/111/146	07:01/06/18/52/153/166/337/343		
19	2nd field	2nd field	2nd field	02:01:01:01	02:01:01:01	49:01:01	50:01:01	06:02:01:01/02/03		
20	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02/83	07:01		
23									Class I not to be assessed for 4A2 01-05/2015 - assess Class I to 2nd field for 4A2 06-10/2015 only, unless otherwise stated.	
24	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
26	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02/83	07:01		
29	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01/06/18/343		
34	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
35	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
38	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01/06/18		
39	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02/11	07:01/09		
42	2nd field	2nd field	2nd field	02:01/01L	49:01	50:01	06:02/11	07:01/06/18/343		
45	2nd field	2nd field	2nd field	02:01:01	49:01:01/49:01:04	50:01:01	06:02:01/06:83	07:01		
48	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02/83	07:01/06/18/343		
62	2nd field	2nd field	2nd field	02:01:01	49:01	50:01	06:02	07:01		
101	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02/83	07:01/06/18/343		
112	2nd field	2nd field	2nd field	02:01/09	49:01	50:01				
113	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
115	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
119	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
123	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
126	2nd field	2nd field	2nd field	02:01	02:01	49:01	50:01	06:02	07:01	
128				02	49	50	06	07		
130	2nd field	2nd field	2nd field	02:01:01	49:01:01	50:01:01	06:02:01	07:01:01		
132	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
133	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
141	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
142	2nd field	2nd field	2nd field	02:01	02:01	49:01	50:01			
145	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
147	2nd field	2nd field	2nd field	02:01:01	49:01:01	50:01:01	06:02:01:02	07:01:01:01		
149	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
150	2nd field	2nd field	2nd field	02:01:01	49:01:01	50:01:01	06:02:01	07:01:01		
156	2nd field	2nd field	2nd field	02:01	49:01	50:01/37	06:02	07:01		
164	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
165	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
178	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
185	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01/06/18/343		
242	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
245	2nd field	2nd field	2nd field	02:01	02:01	49:01	50:01	06:02	07:01	
248	2nd field	2nd field	2nd field	02:01	02:01	49:01	50:01	06:02	07:01	
259	2nd field	2nd field	2nd field	02:01	49:01:01	50:01:01	06:02:01:01	07:01:01:01		
260	2nd field	2nd field	2nd field	02:01:01	02:01:01	49:01	50:01:01	06:02:01	07:01	
267	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01/06/18/343		
268	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
304	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
312	2nd field	2nd field	2nd field	02:01	49:01	50:01	06:02	07:01		
322	1st field	1st field	1st field	02	02	49	50	06	07	Missed samples 4A1 so assess at 1st field only
328	2nd Field	2nd Field	2nd Field	02:01:01:01/02L/03/04	02:01:01:01/02L/03/04	49:01:01/04	50:01:01	06:02:01:01/02/03/06:83	07:01:01:01/02/07:01:02/07:06/18/343	

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 04/2015 DESPATCHED ON 3RD FEBRUARY 2015

Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*	Comments
9	2nd field	2nd field	2nd field	02:01		07:02	44:03	04:01	07:02	C*04:09N cannot be excluded. No DNA left Ambiguous combination of: A*02:90 & A*24:30 Ambiguous combination of: B*07:153 & B*44:37
12	2nd field	2nd field	2nd field	02:01/01L	24:02/02L	07:02/61	44:03	04:09N	07:02/50/349	
15	2nd field	2nd field	2nd field	01/09/66/75/89/97/132/134/140/241/252/256/266/268/269/279/144/150/153/154/231/249/250/251/263/264/266/267/268/	07:02/44/58/59/61/120/128/129/130/156/169	44:03	/28/30/41/79/84/89/106/144/146/161/161/161/	07:02/50/66/74/159/160/167/245/308/348/349/359		
19	2nd field	2nd field	2nd field	02:01:01:01	24:02:01:01	07:02:01	44:03:01	04:09N	07:02:01:01/02/03/04/05	
20	2nd field	2nd field	2nd field	02:01	24:02	07:02/61/161N	44:03	04:01	07:02	
23										Class I not to be assessed for 4A2 01-05/2015 - assess Class I to 2nd field for 4A2 06-10/2015 only, unless otherwise stated.
24	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
26	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
29	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02/50/349	
34	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
35	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
38	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
39	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
42	2nd field	2nd field	2nd field	02:01/01L	24:02	07:02	44:03	04:09N	07:02	
45	2nd field	2nd field	2nd field	02:01:01	24:02:01/24:02:40	07:02	44:03:01	04:09N	07:02:01	
48	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02/50/349	
62	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02:01	
101	2nd field	2nd field	2nd field	02:01	24:02	07:02/61/161N	44:03	04:09N	07:02	
112	2nd field	2nd field	2nd field	02:01/09	24:02	07:02	44:03	04:09N	07:02	
113	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
115	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
119	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
123	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:01	07:02	
126	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
128				02	24	07	44	04	07	
130	2nd field	2nd field	2nd field	02:01:01	24:02:01	07:02:01	44:03:01	04:09N	07:02:01	
132	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
133	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:01	07:02	
141	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
142	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
145	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
147	2nd field	2nd field	2nd field	02:01:01	24:02:01:01	07:02:01/45/07:61	44:03:01	04:01:01:01/04/04:09N/30/82/	07:02:01:03	
149	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
150	2nd field	2nd field	2nd field	02:01:01	24:02:01:01/03	07:02:01	44:03:01	04:09N	07:02:01:01/02/03/04/05	
156	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
164	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
165	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
178	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
185	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02/50	
242	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N/01	07:02	
245	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
248	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
259	2nd field	2nd field	2nd field	02:01	24:02:01:01	07:02	44:03	04:09N	07:02:01:01	
260	2nd field	2nd field	2nd field	02:01:01	24:02	07:02:01	44:03:01	04:09N	07:02:01	C*04:09N, 07:02:01 is ambiguous with C*04:01:30, 07:02:12
267	2nd field	2nd field	2nd field	02:01	24:02	07:02/61/161N	44:03	04:09N	07:02/50/349	
268	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
304	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
312	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:01	07:02	
322	1st field	1st field	1st field	02	24	07	44	04	07	Missed samples 4A1 so assess at 1st field only
328	2nd Field	2nd Field	2nd Field	02:01:01:01/02L/03/04	24:02:01:01/02L/03/24:02:40	07:02:01/07:49N/61/161N	44:03:01	04:09N	07:02:01:01/02/03/04/05	

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 05/2015 DESPATCHED ON 3RD FEBRUARY 2015

Lab No.	A* res	B* res	C* res	A*	A*	B*	B*	C*	C*	Comments
9	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
12	2nd field	2nd field	2nd field	03:01	29:02	07:02/61	38:01	07:02/50/349	12:03	Ambiguous combination of: A*03:02 & A*29:09 Ambiguous combination of: B*07:75 & B*38:41, B*07:91 & B*38:14
15	2nd field	2nd field	2nd field	03:01/20/26/37/45/78/112/118/132/134/182	29:02/26/46/75	07:02/44/58/59/61/120/128/129/130/156/169	38:01	07:02/50/66/74/159/160/167/245/308/348/349/359	12:03/23/109/110/111/125/143	
19	2nd field	2nd field	2nd field	03:01:01:01	29:02:01:01:02	07:02:01	38:01:01	07:02:01:01:02/03/04/05	12:03:01:01:02	
20	2nd field	2nd field	2nd field	03:01	29:02	07:02/61/161N	38:01	07:02	12:03	
23										Class I not to be assessed for 4A2 01-05/2015 - assess Class I to 2nd field for 4A2 06-10/2015 only, unless otherwise stated.
24	2nd field	2nd field	2nd field	03:01	29:02	07:01	38:01	07:02	12:03	
26	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
29	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02/50/349	12:03	
34	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
35	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
38	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
39	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
42	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02/50/349	12:03	
45	2nd field	2nd field	2nd field	03:01:01:01	29:02:01	07:02:01	38:01:01	07:02:01	12:03:01	
48	2nd field	2nd field	2nd field	03:01	29:02	07:02	37:01	07:02/50/349	12:03/143	
62	2nd field	2nd field	2nd field	03:01	29:02:01	07:02	38:01	07:02	12:03:01	
101	2nd field	2nd field	2nd field	03:01	29:02	07:02/61/161N	38:01	07:02/50/349	12:03	
112	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
113	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
115	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
119	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
123	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
126	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
128				03	29	07	38	07	12	
130	2nd field	2nd field	2nd field	03:01:01	29:02:01	07:02:01	38:01:01	07:02:01	12:03:01	
132	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
133	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
141	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
142	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
145	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	Cannot exclude B*07:61 or B*07:161N
147	2nd field	2nd field	2nd field	03:01:01:01	29:02:01	07:02:01/45/07:61	38:01:01	07:02:01	12:03:01:01/12:143	
149	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
150	2nd field	2nd field	2nd field	03:01:01:01/02N/03	29:02:01	07:02:01	38:01:01	07:02:01:01/02/03/04/05	12:03:01:01/02	
156	2nd field	2nd field	2nd field	03:01:01	29:02:01	07:02	38:01	07:02	12:03	
164	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
165	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
178	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
185	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02/50	12:03	
242	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
245	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
248	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
259	2nd field	2nd field	2nd field	03:01	29:02:01:01	07:02	38:01:01	07:02:01:01	12:03:01:01	
260	2nd field	2nd field	2nd field	03:01:01	29:02:01	07:02:01	38:01:01	07:02	12:03	
267	2nd field	2nd field	2nd field	03:01	29:02	07:02/61/161N	38:01	07:02/50/349	12:03	
268	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
304	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
312	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
322	1st field	1st field	1st field	03	29	07	38	07	12	Missed samples 4A1 so assess at 1st field only
328	2nd Field	2nd Field	2nd Field	03:01:01:1/02N/03	29:02:01:01:02	07:02:01/07:49N/61/161N	38:01:01	07:02:01:01/02/03/04/05	12:03:01:01/02	

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 01/2015 DESPATCHED ON 3RD FEBRUARY 2015

A*	A*	B*	B*	C*	C*	
01:01	03:01	07:02	57:01	06:02	07:02	Acceptable
01:32/37/45	03:20/26/37/45	07:44/58/49N/59/61	Blank		07:50/66/74	Acceptable
					06:02	Unacceptable

Result Summary

Number Acceptable 2nd field	47	47	47	46	45	44
Number Unacceptable	0	0	0	1	0	1
Number NT	0	0	0	0	0	0

Lab No.	A*	B*	C*	A*	A*	B*	B*	C*	C*
	47	47	45						
9	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
12	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	57:01	06:02	07:02/50
15	2nd field	2nd field	2nd field	01:01/32/37/45	03:01/20/26/37/45	07:02/44/58/59/61		06:02	07:02/50/66/74
19	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
20	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	57:01	06:02	07:02
24	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
26	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
29	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02/50
34	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
35	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
38	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
39	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
42	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02/50
45	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
48	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02/50
62	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
101	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	57:01	06:02	07:02/50
112	2nd field	2nd field		01:01	03:01	07:02	57:01		
113	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
115	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
119	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
123	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
126	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
130	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
132	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
133	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
141	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
142	2nd field	2nd field		01:01	03:01	07:02	57:01		
145	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
147	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	57:01	06:02	07:02
149	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
150	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
156	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
164	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
165	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
178	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
185	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02/50
242	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
245	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
248	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	06:02
259	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
260	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
267	2nd field	2nd field	2nd field	01:01	03:01	07:02/61	57:01	06:02	07:02/50
268	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
304	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
312	2nd field	2nd field	2nd field	01:01	03:01	07:02	57:01	06:02	07:02
328	2nd Field	2nd Field	2nd Field	01:01	03:01	07:02/61/49N	57:01	06:02	07:02

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 02/2015 DESPATCHED ON 3RD FEBRUARY 2015

	A* 03:01 03:20/26/37/45	A* 29:02 29:01	B* 35:01 35:42/57/94	B* 38:01	C* 04:01 04:28/30/41	C* 12:03 12:23	Acceptable Acceptable Unacceptable
Result Summary							
Number Acceptable 2nd field	47	46	47	47	45	45	
Number Unacceptable	0	1	0	0	0	0	
Number NT	0	0	0	0	0	0	

Lab No.	A* 47	B* 47	C* 45	A*	A*	B*	B*	C*	C*
9	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
12	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01/30	12:03
15	2nd field	2nd field	2nd field	03:01/20/26/37/45	29:02	35:01/42/57/94	38:01	04:01/28/30/41	12:03/23
19	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
20	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01	12:03
24	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
26	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
29	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01	12:03
34	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
35	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01	12:03
38	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
39	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
42	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01	12:03
45	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
48	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01	12:03
62	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
101	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01	12:03
112	2nd field	2nd field		03:01	29:02	35:01	38:01		
113	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
115	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
119	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
123	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
126	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
130	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
132	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
133	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
141	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
142	2nd field	2nd field		03:01	29:02	35:01	38:01		
145	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
147	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
149	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
150	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
156	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
164	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
165	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
178	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
185	2nd field	2nd field	2nd field	03:01	29:02	35:01/42	38:01	04:01/30	12:03
242	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
245	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
248	2nd field	2nd field	2nd field	03:01	29:01	35:01	38:01	04:01	12:03
259	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
260	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
267	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01/30	12:03
268	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
304	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
312	2nd field	2nd field	2nd field	03:01	29:02	35:01	38:01	04:01	12:03
328	2nd Field	2nd Field	2nd Field	03:01	29:02	35:01/42	38:01	04:01	12:03

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 03/2015 DESPATCHED ON 3RD FEBRUARY 2015

				A*	A*	B*	B*	C*	C*			
				02:01	02:01/blank	49:01	50:01	06:02	07:01	Acceptable		
				02:09/66/75/89/97/132/134/140							07:06/09/18/52	Acceptable
												Unacceptable
Result Summary												
Number Acceptable 2nd fie				47	47	47	47	45	45			
Number Unacceptable				0	0	0	0	0	0			
Number NT				0	0	0	0	0	0			
Lab No.	A*	B*	C*	A*	A*	B*	B*	C*	C*			
	47	47	45									
9	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
12	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01/06/18			
15	2nd field	2nd field	2nd field	02:01/09/66/75/89/97/132/134/140		49:01	50:01/37	06:02	07:01/06/18/52			
19	2nd field	2nd field	2nd field	02:01	02:01	49:01	50:01	06:02	07:01			
20	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
24	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
26	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
29	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01/06/18			
34	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
35	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
38	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01/06/18			
39	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02/11	07:01/09			
42	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02/11	07:01/06/18			
45	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
48	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01/06/18			
62	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
101	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01/06/18			
112	2nd field	2nd field		02:01/09		49:01	50:01					
113	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
115	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
119	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
123	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
126	2nd field	2nd field	2nd field	02:01	02:01	49:01	50:01	06:02	07:01			
130	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
132	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
133	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
141	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
142	2nd field	2nd field		02:01	02:01	49:01	50:01					
145	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
147	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
149	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
150	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
156	2nd field	2nd field	2nd field	02:01		49:01	50:01/37	06:02	07:01			
164	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
165	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
178	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
185	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01/06/18			
242	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
245	2nd field	2nd field	2nd field	02:01	02:01	49:01	50:01	06:02	07:01			
248	2nd field	2nd field	2nd field	02:01	02:01	49:01	50:01	06:02	07:01			
259	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
260	2nd field	2nd field	2nd field	02:01	02:01	49:01	50:01	06:02	07:01			
267	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01/06/18			
268	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
304	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
312	2nd field	2nd field	2nd field	02:01		49:01	50:01	06:02	07:01			
328	2nd Field	2nd Field	2nd Field	02:01	02:01	49:01	50:01	06:02	07:01/06/18			

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 04/2015 DESPATCHED ON 3RD FEBRUARY 2015

				A*	A*	B*	B*	C*	C*	
				02:01	24:02	07:02	44:03	04:09N	07:02	Acceptable
				02:09/66/75/89/97/132/134/140	24:76/79	07:44/58/49N/59/61		04:28/30/41	07:50/66/74	Acceptable
								04:01 (not in combination with 04:09N)		Unacceptable
Result Summary										
Number Acceptable 2nd fie				47	47	47	47	40	45	
Number Unacceptable				0	0	0	0	5	0	
Number NT				0	0	0	0	0	0	
Lab No.	A*	B*	C*	A*	A*	B*	B*	C*	C*	
	47	47	45							
9	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:01/09N	07:02	
12	2nd field	2nd field	2nd field	02:01	24:02	07:02/61	44:03	04:09N	07:02/50	
15	2nd field	2nd field	2nd field	02:01/09/66/75/89/97/132/134/140	24:02/76/79	07:02/44/58/59/61	44:03	04:01/28/30/41	07:02/50/66/74	
19	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
20	2nd field	2nd field	2nd field	02:01	24:02	07:02/61	44:03	04:01	07:02	
24	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
26	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
29	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02/50	
34	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
35	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
38	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
39	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
42	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
45	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02/01	
48	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02/50	
62	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
101	2nd field	2nd field	2nd field	02:01	24:02	07:02/61	44:03	04:09N	07:02	
112	2nd field	2nd field		02:01/09	24:02	07:02	44:03			
113	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
115	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
119	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
123	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:01	07:02	
126	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
130	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
132	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
133	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:01	07:02	
141	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
142	2nd field	2nd field		02:01	24:02	07:02	44:03			
145	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
147	2nd field	2nd field	2nd field	02:01	24:02	07:02/61	44:03	04:01/09N/30	07:02	
149	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
150	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
156	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
164	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
165	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
178	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
185	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02/50	
242	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N/01	07:02	
245	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
248	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
259	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
260	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
267	2nd field	2nd field	2nd field	02:01	24:02	07:02/61	44:03	04:09N	07:02/50	
268	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
304	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:09N	07:02	
312	2nd field	2nd field	2nd field	02:01	24:02	07:02	44:03	04:01	07:02	
328	2nd Field	2nd Field	2nd Field	02:01	24:02	07:02/49N/61	44:03	04:09N	07:02	

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

RESULTS OF PARTICIPATING LABORATORIES

SAMPLE 4A2 05/2015 DESPATCHED ON 3RD FEBRUARY 2015

				A*	A*	B*	B*	C*	C*	
				03:01	29:02	07:02	38:01	07:02	12:03	Acceptable
				03:20/26/37/45		07:44/58/49N/59/61		07:50/66/74		Acceptable
						07:01	37:01			Unacceptable
Result Summary										
Number Acceptable 2nd fie				47	47	46	46	45	45	
Number Unacceptable				0	00	1	1	0	0	
Number NT				0	0	0	0	0	0	
Lab No.	A*	B*	C*	A*	A*	B*	B*	C*	C*	
	47	47	45							
9	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
12	2nd field	2nd field	2nd field	03:01	29:02	07:02/61	38:01	07:02/50	12:03	
15	2nd field	2nd field	2nd field	03:01/20/26/37/45	29:02	07:02/44/58/59/61	38:01	07:02/50/66/74	12:03/23	
19	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
20	2nd field	2nd field	2nd field	03:01	29:02	07:02/61	38:01	07:02	12:03	
24	2nd field	2nd field	2nd field	03:01	29:02	07:01	38:01	07:02	12:03	
26	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
29	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02/50	12:03	
34	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
35	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
38	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
39	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
42	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02/50	12:03	
45	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
48	2nd field	2nd field	2nd field	03:01	29:02	07:02	37:01	07:02/50	12:03	
62	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
101	2nd field	2nd field	2nd field	03:01	29:02	07:02/61	38:01	07:02/50	12:03	
112	2nd field	2nd field		03:01	29:02	07:02	38:01			
113	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
115	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
119	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
123	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
126	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
130	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
132	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
133	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
141	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
142	2nd field	2nd field		03:01	29:02	07:02	38:01			
145	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
147	2nd field	2nd field	2nd field	03:01	29:02	07:02/61	38:01	07:02	12:03	
149	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
150	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
156	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
164	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
165	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
178	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
185	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02/50	12:03	
242	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
245	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
248	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
259	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
260	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
267	2nd field	2nd field	2nd field	03:01	29:02	07:02/61	38:01	07:02/50	12:03	
268	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
304	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
312	2nd field	2nd field	2nd field	03:01	29:02	07:02	38:01	07:02	12:03	
328	2nd Field	2nd Field	2nd Field	03:01	29:02	07:02/49N/61	38:01	07:02	12:03	