

UK NEQAS for H&I Scheme 4A2 - HLA Typing at 2nd or 3rd Field Resolution

4A2 03/2019						
2nd field assessment	A*	A*	B*	B*	C*	C*
Total distributed	35	35	35	35	34	34
Total submitted	35	35	35	35	34	34
<b>Consensus</b>	<b>02:01</b>	<b>23:01</b>	<b>44:03</b>	<b>51:01</b>	<b>04:01</b>	<b>07:01</b>
<b>Reference</b>	-	-	-	-	-	-
Expected	02:01	23:01	44:03	51:01	04:01	07:01
Unacceptable	02:36	23:04	07:02	51:193	04:226	07:06
	02:629	23:17	07:02:01G	40:01	03:04	07:18
	02:642	02:01		40:01:01G	04:30	07:343
	02:665	02:01:01G			03:04:01G	07:419
	02:09				03:04:02G	07:458
						07:153
						07:166
						07:02
						07:02:01G
Number acceptable	33	30	32	32	31	31
Number unacceptable	0	3	1	1	1	1
Assessed <a href="#">32</a>	<a href="#">32</a>	<a href="#">32</a>	<a href="#">32</a>	<a href="#">32</a>	<a href="#">31</a>	<a href="#">31</a>

2nd Field Acceptable ambiguities: A\*02:09/36/629/642/665/686/689/704/716/719/722/724/740/786 A\*23:04/17 B\*44:298/302 B\*51:193/224/230/232/249/260/262 C\*04:30/226/298/306/310/320/328 C\*07:06/18/153/166/343/419/458/615/682  
 2nd Field Unacceptable ambiguities: A\*23:06/84N

Lab A*	A*	B*	B*	C*	C*
6 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
9 02:01/36	23:01/04/17	44:03	51:01	04:01	07:01/06/18
12 02:01	23:01	44:03	51:01	04:01	07:01
15 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
19 02:01	23:01	44:03	51:01	04:01	07:01
20 02:01/629/642/665/686/689/704/716/719/722/724/740	23:01/23:17/23:84N	44:03	51:01/193/224/230/232	04:01/226	07:01
23 02:01	23:01	44:03	51:01	04:01	07:01
24 02:01	23:01	44:03	51:01	04:01	07:01
26 02:01	23:01	44:03	51:01	04:01	07:01
28					
29 02:01/629/642/665	23:01/17	44:03	51:01/193	04:01	07:01/06/18/343/419/458
34 02:01	23:01	44:03	51:01	04:01	07:01
35 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
38 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
39 02:01	23:01	44:03	51:01	04:01	07:01
41 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
42 02:01:01	23:01:01:01	44:03:01	51:01:01	04:01:01	07:01:01
45 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
48 02:01	23:01	44:03/298/302	51:01/230/260	04:01/310/320/328	07:01/153/166/682
62 02:01:01:01	23:01:01:01	44:03:01	51:01:01	04:01:01	07:01:01
100 02:01:01:01	23:01:01:01	44:03:01:08	51:01:01:04	04:01:01:14	07:01:01:16
101 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
109 02:01	23:01	44:03	51:01	04:01	07:01
112 02:01/09	23:01	44:03	51:01	04:01/04/07	07:01
113 02:01	23:01	44:03	51:01	04:01	07:01
115 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
119 02:01	23:01	44:03	51:01	04:01	07:01
126 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
130 02:01:01:01/16/31/50	23:01:01:01	44:03:01:01/04/10/12/16	51:01:01:01/04/05/06/07/08	04:01:01:01/10/11/14	07:01:01:01/15/16
132 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
133 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
141					
142 02:01	02:01	07:02	40:01	03:04	07:02
145 02:01	23:01	44:03	51:01	04:01	07:01
147 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
149 02:01	23:01	44:03	51:01	04:01	07:01
156 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
157 02:01:01	23:01:01:01	44:03:01	51:01:01	04:01:01	07:01:01
165 02:01	23:01	44:03	51:01	04:01	07:01
178 02:01	23:01	44:03	51:01	04:01	07:01
185 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
190 02:01	23:01	44:03	51:01	04:01	07:01
196					
223					
224 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
225					
232					
242 Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
245 02:01	23:01	44:03	51:01	04:01	07:01
259 Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
260 02:01	23:01:01	44:03	51:01	04:01	07:01
267 02:01/786	23:01	44:03/298/302	51:01/193/224/230/232/249/260/262	04:01/30/226/298/306	07:01/615
268 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
273 02:01	23:01	44:03	51:01	04:01	07:01
276 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
284 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
286 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
304 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
312 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
328 02:01:01	23:01:01/23:04/23:06	44:03:01	51:01:01	04:01:01	07:01:01
332 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
367 02:01	23:01	44:03	51:01	04:01	07:01
374 02:01	23:01	44:03	51:01	04:01	07:01
375 02:01:01:01	23:01:01:01	44:03:01:10	51:01:01:23	04:01:01:14	07:01:01:16
380 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
411 02:01:01:01	23:01:01:01	44:03:01:01	51:01:01:01	04:01:01:01	07:01:01:01

UK NEQAS for H&I Scheme 4A2 - HLA Typing at 2nd or 3rd Field Resolution

4A2 03/2019		DRB1*	DRB1*	DRB3*	DRB3*	DRB4*	DRB4*	DRB5*	DRB5*
2nd field assessment		40	40	19	19	19	19	19	19
		40	40	19	19	19	19	19	19
		04:05	07:01	-	-	01:01	01:03	-	-
		04:05	07:01	-	-	01:01	01:03	-	-
		11:01	07:34	-	-	01:03	-	-	-
		11:01:01G	07:72	-	-	03:01N	-	-	-
			07:07						
			13:02						
			13:02:01G						
		37	37	-	-	18	18	-	-
		1	1	-	-	1	1	-	-
		<a href="#">1</a>	<a href="#">1</a>	<a href="#">1</a>	<a href="#">1</a>	<a href="#">1</a>	<a href="#">1</a>	<a href="#">1</a>	<a href="#">1</a>

DRB1\*04:232/245 DRB1\*07:34/72/79/81/85/92/93/95/96/100

DRB4\*03:01N

Lab	DRB1*	DRB1*	DRB3*	DRB3*	DRB4*	DRB4*	DRB5*	DRB5*
6	D4:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
9	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
12	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
15	D4:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
19	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
20	04:05/232/245	07:01/34/72/79/81/85	N/A	N/A	01	01	N/A	N/A
23	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
24	04:05	07:01/79/93	N/A	N/A	01:01	01:03	N/A	N/A
26	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
28								
29	04:05	07:01						
34	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
35	D4:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
38	D4:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
39	04:05	07:01						
41	D4:05:01	07:01:01						
42	D4:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
45	04:05:01	07:01:01/07:79						
48	04:05	07:01/79/93						
62	04:05:01	07:01/79/93						
100	D4:05:01:01	07:01:01:02	N/A	N/A	01:03:01:01	01:03:01	N/A	N/A
101	D4:05:01	07:01:01	N/A	N/A	01:03:01	01:03:01	N/A	N/A
109	04:05	07:01/79/93	N/A	N/A	01:01	01:03	N/A	N/A
112	04:05	07:01	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
113	04:05	07:01/79	N/A	N/A	01:01	01:03	N/A	N/A
115	04:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
119	04:05	07:01						
126	D4:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
130	D4:05:01	07:01:01/07:79/07:93	N/A	N/A	01:01:01	01:03:01	N/A	N/A
132	D4:05:01	07:01:01	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
133	D4:05:01	07:01:01						
141								
142	11:01	13:02						
145	04:05	07:01						
147	04:05:01	07:01:01	N/A	N/A	01:01	01:03	N/A	N/A
149	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
156	04:05:01	07:01:01/07:79/07:93	N/A	N/A	01:01:01	01:03:01	N/A	N/A
157	D4:05:01	07:01:01						
165	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
178	04:05	07:01						
185	D4:05:01	07:01:01	N/A	N/A	01:01:01:01	01:03:01:01	N/A	N/A
190	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
196	04:05	07:01						
223	04:05	07:01						
224	D4:05:01	07:01:01/07:79/07:93	N/A	N/A	01:01:01	01:03:01	N/A	N/A
225	04:05	07:01						
232	04:05	07:01						
242	Not Tested	Not Tested						
245	04:05	07:01	N/A	N/A	01:01/01:03/03:01N		N/A	N/A
259	Not Tested	Not Tested						
260	04:05:01	07:01						
267	04:05/232/245	07:01/34/72/79/81/85/92/93/95/96/100						
268	D4:05:01	07:01:01	N/A	N/A	01:01	01:03	N/A	N/A
273	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
276	D4:05:01	07:01:01/07:79	N/A	N/A	01:01:01	01:03:01	N/A	N/A
284	D4:05:01/04:232	07:01:01/07:01:18/07:01:21/07:34/07:72/07:79/07:81	N/A	N/A	01:03:01	01:03:01	N/A	N/A
286	D4:05:01	07:01:01						
304	D4:05:01	07:01:01						
312	D4:05:01	07:01:01						
328	04:05:01	07:01:01						
332	D4:05:01	07:01:01						
367	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
374	04:05	07:01						
375	04:05:01:01	07:01:01:02						
380	04:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
411	D4:05:01:01	07:01:01:01						

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4A2 03/2019	2nd field assessment		3rd field assessment		4th field assessment		5th field assessment		6th field assessment	
	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	DPB1*	DPB1*
	25	25	37	37	13	13	31	31	31	31
	25	25	37	37	13	13	31	31	31	31
	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	02:01	04:02
	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	02:01	04:02
	-	-	03:01	06:04	-	-	141:01	105:01	141:01	105:01
			03:01:01G	03:03			416:01	571:01	416:01	571:01
				06:04:01G			617:01		617:01	
				03:03:02G			03:01		03:01	
							104:01		104:01	
							03:01:01G		03:01:01G	
	25	25	34	34	13	13	30	31	30	31
	0	0	1	1	0	0	1	0	1	0
	<a href="#">0</a>	<a href="#">0</a>	<a href="#">1</a>	<a href="#">1</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">1</a>	<a href="#">0</a>	<a href="#">1</a>	<a href="#">0</a>
	DQB1*02:97/110/131		DQB1*03:289/295/296/321		DPB1*141:01/416:01/617:01/640:01/678:01		DPB1*105:01/571:01/647:01/665:01			

Lab	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Assessment
6	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Not assessed
9			02:02	03:02			02:01	04:02	Acceptable
12	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Acceptable
15	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Not assessed
19	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Acceptable
20	02:01	03:03	02:02/97	03:02	01	01	02:01/416:01/416:01/617:01/640:01/678:01	04:02/105:01/571:01/647:01/665:01	Unacceptable
23	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Acceptable
24	02:01	03:03	02:02/97/131	03:02/289/295/296	01:03	01:03	02:01	04:02	Acceptable
26	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Acceptable
28	02:01	03:03			01:03	01:03	02:01	04:02	Acceptable
29			02:02	03:02					Acceptable
34	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Acceptable
35	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Not assessed
38	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Not assessed
39	02:01	03:03	02:02	03:02			02:01	04:02	Acceptable
41	02:01:01	03:03:01	02:02:01	03:02:01			02:01	04:02	Acceptable
42	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Not assessed
45			02:02:01/02:97	03:02:01/03:02:26			02:01:02	04:02:01	Acceptable
48			02:02/97/110/131	03:02/289/295/296/321			02:01/416:01	04:02/105:01	Acceptable
62			02:02	03:02			02:01	04:02:01	Acceptable
100			02:02:01:01	03:02:01:01	01:03:01:01	01:03:01:05	02:01:02:05	04:02:01:06	Not assessed
101	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Not assessed
109	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Acceptable
112	02:01	03:02/03	02:02	03:02	Not Tested	Not Tested	Not Tested	Not Tested	Acceptable
113			02:02	03:02			02:01	04:02	Acceptable
115	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Acceptable
119	02:01	03:03	02:02	03:02			02:01	04:02	Acceptable
126	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Not assessed
130	02:01:01	03:03:01	02:02:01/06/09	03:02:01/26	01:03:01	01:03:01	02:01:02/416:01	04:02:01/105:01/665:01	Not assessed
132	02:01	03:03	02:02:01	03:02:01	Not Tested	Not Tested	02:01:02	04:02:01	Acceptable
133			02:02:01	03:02:01			02:01:02	04:02:01	Not assessed
141									Not assessed
142		03:01		06:04			03:01/104:01	04:02/105:01	Unacceptable
145	02:01	03:03	02:02	03:02			02:01	04:02	Acceptable
147	02:01:01	03:03:01	02:02:01	03:02:01			02:01:02/416:01	04:02:01/105:01/665:01	Acceptable
149	02:01	03:03	02:02	03:02			02:01	04:02	Acceptable
156	02:01:01	03:03:01	02:02:01/02:02:06/02:02:09/02:97/02:131	03:02:01/03:02:26/03:289/03:295/03:296	01:03:01	01:03:01	02:01:02/416:01	04:02:01/105:01/665:01	Acceptable
157	02:01:01	03:03:01:01	02:02:01	03:02:01			02:01:02	04:02:01	Not assessed
165	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Acceptable
178	02:01	03:03	02:02	03:02			02:01	04:02	Acceptable
185	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Not assessed
190	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Acceptable
196	02:01	03:03	02:02	03:02					Acceptable
223	02:01	03:03					02:01	04:02	Acceptable
224			02:02:01/06/09	03:02:01/26			02:01:02	04:02:01	Not assessed
225			02:02	03:02			02:01	04:02	Acceptable
232			02:02	03:02					Acceptable
242			Not Tested	Not Tested					Not assessed
245	Not Tested	Not Tested	02:02	03:02	Not Tested	Not Tested	02:01	04:02	Unacceptable
259			Not Tested	Not Tested					Not assessed
260			02:02:01	03:02					Acceptable
267			02:02/97/110/131	03:02/289/295/296/321					Acceptable
268	02:01	03:03	02:02:01/02:02:06	03:02:01/03:289			02:01:02/105:01:01/665:01	04:02:01/416:01:01	Acceptable
273	02:01	03:03	02:02	03:02	Not Tested	Not Tested	02:01	04:02	Acceptable
276	02:01:01	03:03:01	02:02:01/06	03:02:01/26	01:03:01	01:03:01	02:01:02/416:01:01	04:02:01/665:01	Not assessed
284			02:02:01/02:97	03:02:01/03:02:26					Not assessed
286	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Not assessed
304			02:02:01	03:02:01			02:01:02	04:02:01	Not assessed
312			02:02:01	03:02:01			02:01:02	04:02:01	Not assessed
328			02:02:01	03:02:01			02:01:02	04:02:01	Unacceptable
332			02:02:01	03:02:01			02:01:02 / 02:01:19 / 105:01:01 / 665:01	04:02:01 / 416:01:01	Not assessed
367			02:02	03:02					Acceptable
374	02:01	03:02	02:02	03:02					Acceptable
375			02:02:01:01	03:02:01:01					Acceptable
380	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01	04:02:01	Acceptable
411			02:02:01:01	03:02:01:01					Not assessed

UK NEQAS for H&I Scheme 4A2 - HLA Typing at 2nd or 3rd Field Resolution

4A2 03/2019						
3rd field assessment	A*	A*	B*	B*	C*	C*
Total distributed	26	26	26	26	26	26
Total submitted	25	25	25	25	25	25
<b>Consensus</b>	<b>02:01:01</b>	<b>23:01:01</b>	<b>44:03:01</b>	<b>51:01:01</b>	<b>04:01:01</b>	<b>07:01:01</b>
Reference	-	-	-	-	-	-
Expected	02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01
Unacceptable	-	-	-	-	-	-
Number acceptable	24	24	24	24	24	24
Number unacceptable	2	2	2	2	2	2
Assessed %	92	92	92	92	92	92
Comments						
Lab A*	A*	B*	B*	C*	C*	
6 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
9 02:01/736	23:01/04/17	44:03	51:01	04:01	07:01/06/18	
12 02:01	23:01	44:03	51:01	04:01	07:01	
15 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
19 02:01	23:01	44:03	51:01	04:01	07:01	
20 02:01/629/642/665/686/689/704/716/719/722/724/740	23:01/23:17/23:84N	44:03	51:01/193/224/230/232	04:01/226	07:01	
23 02:01	23:01	44:03	51:01	04:01	07:01	
24 02:01	23:01	44:03	51:01	04:01	07:01	
26 02:01	23:01	44:03	51:01	04:01	07:01	
28						
29 02:01/629/642/665	23:01/17	44:03	51:01/193	04:01	07:01/06/18/343/419/458	
34 02:01	23:01	44:03	51:01	04:01	07:01	
35 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
38 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
39 02:01	23:01	44:03	51:01	04:01	07:01	
41 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
42 02:01:01	23:01:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
45 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
48 02:01	23:01	44:03/298/302	51:01/230/260	04:01/310/320/328	07:01/153/166/682	
62 02:01:01:01	23:01:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
100 02:01:01:01	23:01:01:01	44:03:01:08	51:01:01:04	04:01:01:14	07:01:01:16	
101 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
109 02:01	23:01	44:03	51:01	04:01	07:01	
112 02:01/09	23:01	44:03	51:01	04:01/04/07	07:01	
113 02:01	23:01	44:03	51:01	04:01	07:01	
115 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
119 02:01	23:01	44:03	51:01	04:01	07:01	
126 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
130 02:01:01:01/16/31/50	23:01:01:01	44:03:01:01/04/10/12/16	51:01:01:01/04/05/06/07/08	04:01:01:01/10/11/14	07:01:01:01/15/16	
132 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
133 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
141						
142 02:01	02:01	07:02	40:01	03:04	07:02	
145 02:01	23:01	44:03	51:01	04:01	07:01	
147 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
149 02:01	23:01	44:03	51:01	04:01	07:01	
156 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
157 02:01:01	23:01:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
165 02:01	23:01	44:03	51:01	04:01	07:01	
178 02:01	23:01	44:03	51:01	04:01	07:01	
185 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
190 02:01	23:01	44:03	51:01	04:01	07:01	
196						
223						
224 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
225						
232						
242 Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	
245 02:01	23:01	44:03	51:01	04:01	07:01	
259 Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	
260 02:01	23:01:01	44:03	51:01	04:01	07:01	
267 02:01/786	23:01	44:03/298/302	51:01/193/224/230/232/249/260/262	04:01/30/226/298/306	07:01/615	
268 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
273 02:01	23:01	44:03	51:01	04:01	07:01	
276 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
284 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
286 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
304 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
312 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
323 02:01:01	23:01:01/23:04/23:06	44:03:01	51:01:01	04:01:01	07:01:01	
332 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
367 02:01	23:01	44:03	51:01	04:01	07:01	
374 02:01	23:01	44:03	51:01	04:01	07:01	
375 02:01:01:01	23:01:01:01	44:03:01:10	51:01:01:23	04:01:01:14	07:01:01:16	
380 02:01:01	23:01:01	44:03:01	51:01:01	04:01:01	07:01:01	
411 02:01:01:01	23:01:01:01	44:03:01:01	51:01:01:01	04:01:01:01	07:01:01:01	

UK NEQAS for H&I Scheme 4A2 - HLA Typing at 2nd or 3rd Field Resolution

4A2 03/2019								
3rd field assessment	DRB1*	DRB1*	DRB3*	DRB3*	DRB4*	DRB4*	DRB5*	DRB5*
Total distributed	24	24	13	13	13	13	13	13
Total submitted	23	23	13	13	13	13	13	13
Consensus	04:05:01	07:01:01	-	-	01:01:01	01:03:01	-	-
Reference	-	-	-	-	-	-	-	-
Expected	04:05:01	07:01:01	-	-	01:01:01	01:03:01	-	-
Unacceptable	-	0.292569444 0.292604167	-	-	0.043761574	-	-	-
Number acceptable	22	18	-	-	10	13	-	-
Number unacceptable	2	6	-	-	3	0	-	-
Assessed @	<a href="#">21</a>	<a href="#">21</a>	<a href="#">21</a>	<a href="#">21</a>	<a href="#">21</a>	<a href="#">21</a>	<a href="#">21</a>	<a href="#">21</a>
Comments								
Lab	DRB1*	DRB1*	DRB3*	DRB3*	DRB4*	DRB4*	DRB5*	DRB5*
6	04:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
9	04:05	07:01						
12	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
15	04:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
19	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
20	04:05/232/245	07:01/34/72/79/81/85	N/A	N/A	01	01	N/A	N/A
23	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
24	04:05	07:01/79/93	N/A	N/A	01:01	01:03	N/A	N/A
26	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
28								
29	04:05	07:01						
34	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
35	04:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
38	04:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
39	04:05	07:01						
41	04:05:01	07:01:01						
42	04:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
45	04:05:01	07:01:01/07:79						
48	04:05	07:01/79/93						
62	04:05:01	07:01/79/93						
100	04:05:01:01	07:01:01:02	N/A	N/A	01:03:01:01	01:03:01:01	N/A	N/A
101	04:05:01	07:01:01	N/A	N/A	01:03:01	01:03:01	N/A	N/A
109	04:05	07:01/79/93	N/A	N/A	01:01	01:03	N/A	N/A
112	04:05	07:01	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
113	04:05	07:01/79	N/A	N/A	01:01	01:03	N/A	N/A
115	04:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
119	04:05	07:01						
126	04:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
130	04:05:01	07:01:01/07:79/07:93	N/A	N/A	01:01:01	01:03:01	N/A	N/A
132	04:05:01	07:01:01	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
133	04:05:01	07:01:01						
141								
142	11:01	13:02						
145	04:05	07:01						
147	04:05:01	07:01:01	N/A	N/A	01:01	01:03	N/A	N/A
149	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
156	04:05:01	07:01:01/07:79/07:93	N/A	N/A	01:01:01	01:03:01	N/A	N/A
157	04:05:01	07:01:01						
165	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
178	04:05	07:01						
185	04:05:01	07:01:01	N/A	N/A	01:01:01:01	01:03:01:01	N/A	N/A
190	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
196	04:05	07:01						
223	04:05	07:01						
224	04:05:01	07:01:01/07:79/07:93	N/A	N/A	01:01:01	01:03:01	N/A	N/A
225	04:05	07:01						
232	04:05	07:01						
242	Not Tested	Not Tested						
245	04:05	07:01	N/A	N/A	01:01/01:03/03:01N		N/A	N/A
259	Not Tested	Not Tested						
260	04:05:01	07:01						
267	04:05/232/245	07:01/34/72/79/81/85/92/93/95/96/100						
268	04:05:01	07:01:01	N/A	N/A	01:01	01:03	N/A	N/A
273	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
276	04:05:01	07:01:01/07:79	N/A	N/A	01:01:01	01:03:01	N/A	N/A
284	04:05:01/04:232	07:01:01/07:01:18/07:01:21/07:34/07:72/07:79/07:81						
286	04:05:01	07:01:01	N/A	N/A	01:03:01	01:03:01	N/A	N/A
304	04:05:01	07:01:01						
312	04:05:01	07:01:01						
329	04:05:01	07:01:01						
332	04:05:01	07:01:01						
367	04:05	07:01	N/A	N/A	01:01	01:03	N/A	N/A
374	04:05	07:01						
375	04:05:01:01	07:01:01:02						
380	04:05:01	07:01:01	N/A	N/A	01:01:01	01:03:01	N/A	N/A
411	04:05:01:01	07:01:01:01						

UK NEQAS for H&I Scheme 4A2 - HLA Typing at 2nd or 3rd Field Resolution

4A2 03/2019									
3rd field assessment	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	
Total distributed	13	13	24	24	12	12	21	21	
Total submitted	12	12	23	23	12	12	21	21	
<b>Consensus</b>	<b>02:01:01</b>	<b>03:03:01</b>	<b>02:02:01</b>	<b>03:02:01</b>	<b>01:03:01</b>	<b>01:03:01</b>	<b>02:01:02</b>	<b>04:02:01</b>	
Reference	-	-	-	-	-	-	-	-	
Expected	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	
Unacceptable	-	-	-	-	-	-	4.375706019 17.33403935 04:02:01G	17.33403935 02:01:02G	
Number acceptable	12	12	-	-	12	12	16	16	
Number unacceptable	1	1	-	-	0	0	5	5	
Assessed %	92	92	92	92	92	92	92	92	
Comments									

Lab	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Assessment
6	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Acceptable
9									Not assessed
12	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Not assessed
15	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Acceptable
19	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Not assessed
20	02:01	03:03	02:02/97	03:02	01	01	02:01/141:01/416:01/617:01/640:01/678:01	04:02/105:01/571:01/647:01/665:01	Not assessed
23	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Not assessed
24	02:01	03:03	02:02/97/131	03:02/289/295/296	01:03	01:03	02:01	04:02	Not assessed
26	02:01	03:03	02:02	03:02	01:03	01:03	02:01/105:01/665:01	04:02/416:01	Not assessed
28	02:01	03:03		03:02	01:03	01:03	02:01	04:02	Not assessed
29			02:02	03:02					Not assessed
34	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Not assessed
35	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Acceptable
38	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Acceptable
39	02:01	03:03	02:02	03:02			02:01	04:02	Not assessed
41	02:01:01	03:03:01	02:02:01	03:02:01			02:01 or 105:01/665:01	04:02 or 416:01	Acceptable
42	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Acceptable
45			02:02:01/02:97	03:02:01/03:02:26			02:01:02	04:02:01	Not assessed
48			02:02/97/110/131	03:02/289/295/296/321			02:01/416:01	04:02/105:01	Not assessed
62			02:02	03:02			02:01	04:02:01	Acceptable
100			02:02:01:01	03:02:01:01	01:03:01:01	01:03:01:05	02:01:02:05	04:02:01:06	Unacceptable
101	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Unacceptable
109	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Not assessed
112	02:01	03:02/03	02:02	03:02	Not Tested	Not Tested	Not Tested	Not Tested	Not assessed
113				03:02			02:01	04:02	Not assessed
115	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Not assessed
119	02:01	03:03	02:02	03:02			02:01	04:02	Not assessed
126	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Acceptable
130	02:01:01	03:03:01	02:02:01/06/09	03:02:01/26	01:03:01	01:03:01	02:01:02/416:01	04:02:01/105:01/665:01	Unacceptable
132	02:01	03:03	02:02:01	03:02:01	Not Tested	Not Tested	02:01:02	04:02:01	Acceptable
133			02:02:01	03:02:01			02:01:02	04:02:01	Acceptable
141									Unacceptable
142			03:01	06:04			03:01/104:01	04:02/105:01	Not assessed
145	02:01	03:03	02:02	03:02			02:01	04:02	Not assessed
147	02:01:01	03:03:01	02:02:01	03:02:01			02:01:02/416:01	04:02:01/105:01/665:01	Acceptable
149	02:01	03:03	02:02	03:02			02:01	04:02	Not assessed
156	02:01:01	03:03:01	02:02:01/02:02:06/02:02:09/02:97/02:131	03:02:01/03:02:26/03:289/03:295/03:296	01:03:01	01:03:01	02:01:02/416:01	04:02:01/105:01/665:01	Not assessed
157	02:01:01	03:03:01:01	02:02:01	03:02:01			02:01:02	04:02:01	Acceptable
165	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Not assessed
178	02:01	03:03	02:02	03:02			02:01	04:02	Not assessed
185	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Acceptable
190	02:01	03:03	02:02	03:02	01:03	01:03	02:01	04:02	Not assessed
196	02:01	03:03	02:02	03:02					Not assessed
223	02:01	03:03					02:01	04:02	Not assessed
224			02:02:01/06/09	03:02:01/26			02:01:02	04:02:01	Unacceptable
225			02:02	03:02			02:01	04:02	Not assessed
232			02:02	03:02					Not assessed
242			Not Tested	Not Tested					Not assessed
245	Not Tested	Not Tested			Not Tested	Not Tested	02:01	04:02	Not assessed
259			Not Tested	Not Tested					Not assessed
260			02:02:01	03:02					Not assessed
267			02:02/97/110/131	03:02/289/295/296/321					Not assessed
268	02:01	03:03	02:02:01/02:02:06	03:02:01/03:289			02:01:02/105:01:01/665:01	04:02:01/416:01:01	Unacceptable
273	02:01	03:03	02:02	03:02	Not Tested	Not Tested	02:01	04:02	Not assessed
276	02:01:01	03:03:01	02:02:01/06	03:02:01/26	01:03:01	01:03:01	02:01:02/416:01:01	04:02:01/665:01	Unacceptable
284			02:02:01/02:97	03:02:01/03:02:26					Unacceptable
286	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:02:01	Unacceptable
304			02:02:01	03:02:01			02:01:02	04:02:01	Acceptable
312			02:02:01	03:02:01			02:01:02	04:02:01	Acceptable
328			02:02:01	03:02:01			02:01:02	04:02:01	Not assessed
332			02:02:01	03:02:01			02:01:02 / 02:01:19 / 105:01:01 / 665:01	04:02:01 / 416:01:01	Unacceptable
367			02:02	03:02					Not assessed
374	02:01	03:02	02:02	03:02					Not assessed
375			02:02:01:01	03:02:01:01					Not assessed
380	02:01:01	03:03:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01	04:02:01	Not assessed
411			02:02:01:01	03:02:01:01					Not assessed