

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

4A2 01/2019							
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>03:01</b>	<b>68:01</b>	<b>44:03</b>	<b>51:01</b>	<b>04:01</b>	<b>15:02</b>	
<b>Reference</b>							
Expected	03:01	68:01	44:03	51:01	04:01	15:02	
Unacceptable	01:01	68:11N	08:01	51:193	04:04	15:03	
	01:01:01G	68:152	08:01:01G	13:02	04:10	15:08	
		30:01		51:04	04:226	15:87	
		30:01:01G		51:06	06:02	07:01	
				13:02:01G	04:09	07:06	
					04:30	07:18	
					04:04:01G	15:15	
					06:02:01G	07:01:01G	
						07:01:20G	
						15:05:01G	
Number acceptable	31	31	32	31	31	31	
Number unacceptable	2	2	1	2	1	1	
Assessed	<a href="#">2</a>	<a href="#">2</a>	<a href="#">1</a>	<a href="#">2</a>	<a href="#">1</a>	<a href="#">1</a>	
Comments							
2nd Field Acceptable ambiguities:	A*03:182/291/292/293/301/312/313/315	A*68:11N/152/164	B*44:298/302	B*51:04/193/224/230/232/249/260/262	C*04:01/04/09/10/30/226	C*15:03/08/87/176	
2nd Field Unacceptable ambiguities:				B*51:06			
Lab A*	A*	B*	B*	C*	C*		
6 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
9 03:01	68:01	44:03	51:01	04:01/04/10	15:02/03/08		
12 03:01	68:01	44:03	51:01	04:01	15:02		
15 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
19 03:01	68:01	44:03	51:01	04:01	15:02		
20 03:01/291/292/293/301	68:01/11N/152	44:03	51:01/193/224/230/232	04:01/226	15:02		
23 03:01	68:01	44:03	51:01	04:01	15:02		
24 03:01	68:01	44:03	51:01	04:01	15:02		
26 03:01	68:01	44:03	51:01	04:01	15:02		
28							
29 03:01	68:01/152	44:03	51:01/193	04:01	15:02/87		
34 03:01	68:01	44:03	51:01	04:01	15:02		
35 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
38 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
39 03:01	68:01	44:03	51:01	04:01	15:02		
41 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
42 03:01:01:01	68:01:02:02	44:03:01	51:01:01	04:01:01	15:02:01		
45 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
48 03:01/24/182/293/301/313	68:01/66/152/164	44:03/298/302	51:01/230/260	04:01	15:02/176		
62 03:01:01:01	68:01:02:02	44:03:01	51:01:01	04:01:01	15:02:01:01		
100 03:01:01:01	68:01:02:02	44:03:01:10	51:01:01:04	04:01:01:14	15:02:01:01		
101 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
109 03:01	68:01	44:03	51:01	04:01	15:02		
112 03:01	68:01	44:03	51:01	04:01/04/07	15:02		
113 03:01	68:01	44:03	51:01	04:01	15:02		
115 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
119 03:01	68:01	44:03	51:01	04:01	15:02		
126 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
130 03:01:01:01	68:01:02:02	44:03:01:01/04/10/12/16	51:01:01:01/04/05/06/07/08	04:01:01:01/10/11/14	15:02:01:01		
132 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
133 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
141							
142 01:01	30:01	08:01	13:02	06:02	07:01/06/18		
145 03:01	68:01	44:03	51:01	04:01	15:02		
147 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
149 03:01	68:01	44:03	51:01	04:01	15:02		
156 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
157 03:01:01:01	68:01:02:02	44:03:01	51:01:01	04:01:01	15:02:01:01		
165 03:01	68:01	44:03	51:01	04:01	15:02		
178 03:01	68:01	44:03	51:01	04:01	15:02		
185 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
190 03:01	68:01	44:03	51:01	04:01	15:02		
196							
223							
224 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
225							
232							
242 Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested		
245 03:01	68:01	44:03	51:01	04:01	15:02		
259 Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested		
260 03:01:01	68:01:02	44:03	51:01	04:01/09	15:02		
267 03:01/291/292/293/301/312/313/315	68:01/152	44:03/298/302	51:01/193/224/230/232/249/260/262	04:01/30	15:02/176		
268 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
273 03:01	68:01	44:03	51:01	04:01	15:02		
276 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
284 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
286 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
304 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
312 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
328 03:01:01	68:01	44:03:01	51:01:01/51:04:01/51:06:01	04:01:01/04:04:01/04:10	15:02:01/15:08:01/15:03		
332 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
367 03:01	68:01	44:03	51:01	04:01	15:02		
374 03:01	68:01	44:03	51:01	04:01	15:02		
375 03:01:01:01	68:01:02:02	44:03:01:10	51:01:01:23	04:01:01:14	15:02:01:01		
380 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01		
411 03:01:01	68:01:02:01	44:03:01:01	51:01:01:01	04:01:01:01	15:02:01:01		

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

4A2 01/2019								
2nd field assessment	DRB1*	DRB1*	DRB3*	DRB3*	DRB4*	DRB4*	DRB5*	DRB5*
Total distributed	40	40	19	19	19	19	19	19
Total submitted	40	40	19	19	19	19	19	19
<b>Consensus</b>	<b>04:04</b>	<b>07:01</b>	-	-	<b>01:01</b>	<b>01:03</b>	-	-
<b>Reference</b>								
Expected	04:04	07:01			01:01	01:03		
Unacceptable	03:01 03:01:01G	07:34 07:72 07:07	-	-	01:03 03:01N	-	-	-

Number acceptable	37	38	-	-	18	18	-	-
Number unacceptable	1	0	-	-	1	1	-	-
Assessed	<a href="#">40</a>	<a href="#">40</a>	<a href="#">19</a>	<a href="#">19</a>	<a href="#">19</a>	<a href="#">19</a>	<a href="#">19</a>	<a href="#">19</a>
Comments								

2nd Field Acceptable ambiguities: DRB1\*04:258/272 DRB1\*07:34/72/79/81/85/93/95/96/100

2nd Field Unacceptable ambiguities: DRB4\*03:01N

Lab	DRB1*	DRB1*	DRB3*	DRB3*	DRB4*	DRB4*	DRB5*	DRB5*
6	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
9	04:04	07:01						
12	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
15	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
19	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
20	04:04	07:01/34/72/79/81/85	N/A	N/A	01		N/A	N/A
23	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
24	04:04	07:01/79/93	N/A	N/A	01:01	01:03	N/A	N/A
26	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
28								
29	04:04	07:01						
34	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
35	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
38	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
39	04:04	07:01						
41	04:04:01	07:01:01						
42	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
45	04:04:01	07:01:01/07:79						
48	04:04	07:01/79/93						
62	04:04:01	07:01/79/93						
100	04:04:01	07:01:01:01	N/A	N/A	01:01:01:01	01:03:02	N/A	N/A
101	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
109	04:04	07:01/79/93	N/A	N/A	01:01	01:03	N/A	N/A
112	04:04	07:01	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
113	04:04	07:01/79	N/A	N/A	01:01	01:03	N/A	N/A
115	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
119	04:04	07:01						
126	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
130	04:04:01	07:01:01/07:79/07:93	N/A	N/A	01:01:01	01:03:02	N/A	N/A
132	04:04:01	07:01:01	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
133	04:04:01	07:01:01						
141								
142	03:01	07:01						
145	04:04	07:01						
147	04:04:01	07:01:01	N/A	N/A	01:01	01:03	N/A	N/A
149	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
156	04:04:01	07:01:01/07:79/07:93	N/A	N/A	01:01:01	01:03:02	N/A	N/A
157	04:04:01	07:01:01						
165	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
178	04:04	07:01						
185	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
190	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
196	04:04	07:01						
223	04:04	07:01						
224	04:04:01	07:01:01/07:79/07:93	N/A	N/A	01:01:01	01:03:02	N/A	N/A
225	04:04	07:01						
232	04:04	07:01						
242	Not Tested	Not Tested	Not Tested	Not Tested				
245	04:04	07:01	Not Tested	Not Tested	01:01/01:03/03:01N		Not Tested	Not Tested
259	Not Tested	Not Tested						
260	04:04:01	07:01						
267	04:04/258/272	07:01/34/72/79/81/85/92/93/95/96/100						
268	04:04:01	07:01:01	N/A	N/A	01:01	01:03	N/A	N/A
273	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
276	04:04:01	07:01:01/07:79	N/A	N/A	01:01:01	01:03:02	N/A	N/A
284	04:04:01	07:01:01/07:79						
286	04:04:01	07:01:01	N/A	N/A	01:03:02	01:03:02	N/A	N/A
304	04:04:01	07:01:01						
312	04:04:01	07:01:01						
328	04:04:01	07:01:01						
332	04:04:01	07:01:01						
367	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
374	04:04	07:01						
375	04:04:01	07:01:01:02						
380	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
411	04:04:01	07:01:01:01						

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

4A2 01/2019									
2nd field assessment	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	DPB1*
Total distributed	25	25	37	37	13	13	31	31	31
Total submitted	25	25	37	37	13	13	31	31	31
Consensus	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	04:01
Reference									
Expected	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	04:01
Unacceptable	-	-	02:01	02:02 03:03 02:01:01G 03:03:02G	-	-	141:01 352:01 414:01 464:01 534:01 615:01 618:01 17:01 17:01:01G	350:01 415:01 459:01 464:01 534:01 615:01 618:01 17:01 17:01:01G	

Number acceptable	25	25	34	34	13	13	30	30	30
Number unacceptable	0	0	1	1	0	0	1	1	1
Assessed	25	25	34	34	13	13	30	30	30
Comments									
2nd Field Acceptable ambiguities:	DQB1*02:97/110/131		DQB1*03:289/295/296/321		DPB1*141:01/352:01/414:01/461:01/617:01/640:01/678:01		DPB1*350:01/415:01/459:01/464:01/534:01/615:01/618:01/670:01		
2nd Field Unacceptable ambiguities:									

Lab	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Assessment
6	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Not assessed
9			02:02	03:02			02:01	04:01	Acceptable
12	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Acceptable
15	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Not assessed
19	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Acceptable
20	02:01	03:01	02:02/97	03:02	01	01	02:01/141:01/352:01/414:01/461:01/617:01/640:01/678:01	04:01/350:01/415:01/459:01/464:01/534:01/615:01/618:01/670:01	Acceptable
23	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Acceptable
24	02:01	03:01	02:02/97/131	03:02/289/295/296	01:03	01:03	02:01	04:01	Acceptable
26	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Acceptable
28	02:01	03:01			01:03	01:03	02:01	04:01	Acceptable
29			02:02	03:02					Acceptable
34	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Acceptable
35	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Not assessed
38	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Not assessed
39	02:01	03:01	02:02	03:02			02:01	04:01	Acceptable
41	02:01:01	03:01:01	02:02:01	03:02:01			02:01	04:01	Acceptable
42	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Not assessed
45			02:02:01/02:97	03:02:01/03:02:26			02:01:02	04:01:01	Acceptable
48			02:02/97/110/131	03:02/289/295/296/321			02:01	04:01	Acceptable
62			02:02	03:02			02:01	04:01	Acceptable
100			02:02:01:01	03:02:01:02					Not assessed
101	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01:04	02:01:02:05	04:01:01:06	Not assessed
109	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Acceptable
112	02:01	03:01	02:02	03:02	Not Tested	Not Tested	Not Tested	Not Tested	Acceptable
113			02:02	03:02			02:01	04:01	Acceptable
115	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Acceptable
119	02:01	03:01	02:02	03:02			02:01	04:01	Acceptable
126	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Not assessed
130	02:01:01	03:01:01	02:02:01/06/09	03:02:01/26	01:03:01	01:03:01	02:01:02	04:01:01	Not assessed
132	02:01	03:01	02:02:01	03:02:01	Not Tested	Not Tested	02:01:02	04:01:01	Acceptable
133			02:02:01	03:02:01			02:01:02	04:01:01	Not assessed
141									Not assessed
142			02:01	02:02			11:01	17:01	Unacceptable
145	02:01	03:01	02:02	03:02			02:01	04:01	Acceptable
147	02:01:01	03:01:01	02:02:01	03:02:01			02:01:02	04:01:01	Acceptable
149	02:01	03:01	02:02	03:02			02:01	04:01	Acceptable
156	02:01:01	03:01:01	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	04:01:01	Acceptable
157	02:01:01	03:01:01	02:02:01	03:02:01			02:01:02	04:01:01	Not assessed
165	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Acceptable
178	02:01	03:01	02:02	03:02			02:01	04:01	Acceptable
185	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Not assessed
190	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Acceptable
196	02:01	03:01	02:02	03:02					Acceptable
223	02:01	03:01					02:01	04:01	Acceptable
224			02:02:01/06/09	03:02:01/26			02:01:02	04:01:01	Not assessed
225			02:02	03:02			02:01	04:01	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	04:01	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	03:01	02:02:01 / 02:02:06	03:02:01 / 03:289			02:01:02	04:01:01	Acceptable
273	02:01	03:01	02:02	03:02	Not Tested	Not Tested	02:01	04:01	Acceptable
276	02:01:01	03:01:01	02:02:01/06	03:02:01/26	01:03:01	01:03:01	02:01:02	04:01:01	Not assessed
284			02:02:01/02:97	03:02:01/03:02:26					Not assessed
286	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Not assessed
304			02:02:01	03:02:01			02:01:02	04:01:01	Not assessed
312			02:02:01	03:02:01			02:01:02	04:01:01	Not assessed
328			02:02:01	03:02:01			02:01:02	04:01:01	Unacceptable
332			02:02:01	03:02:01			02:01:02 / 02:01:19	04:01:01	Not assessed
367			02:02	03:02					Acceptable
374	02:01	03:01	02:02	03:02					Acceptable
375			02:02:01:01	03:02:01:02					Acceptable
380	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01	04:01:01	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 01/2019	A*	A*	B*	B*	C*	C*
3rd field assessment						
Total distributed	26	26	26	26	26	26
Total submitted	25	25	25	25	25	25
<b>Consensus</b>	<b>03:01:01</b>	<b>68:01:02</b>	<b>44:03:01</b>	<b>51:01:01</b>	<b>04:01:01</b>	<b>15:02:01</b>
Reference						
Expected	03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01
Unacceptable	-	-	-	-	-	-
Number acceptable	24	24	24	24	24	24
Number unacceptable	2	2	2	2	2	2
Assessed <a href="#">27</a>	<a href="#">27</a>	<a href="#">27</a>	<a href="#">27</a>	<a href="#">27</a>	<a href="#">27</a>	<a href="#">27</a>
Comments						
Lab A*	A*	B*	B*	C*	C*	
6 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
9 03:01	68:01	44:03	51:01	04:01/04/10	15:02/03/08	
12 03:01	68:01	44:03	51:01	04:01	15:02	
15 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
19 03:01	68:01	44:03	51:01	04:01	15:02	
20 03:01/291/292/293/301	68:01/11N/152	44:03	51:01/193/224/230/232	04:01/226	15:02	
23 03:01	68:01	44:03	51:01	04:01	15:02	
24 03:01	68:01	44:03	51:01	04:01	15:02	
26 03:01	68:01	44:03	51:01	04:01	15:02	
28						
29 03:01	68:01/152	44:03	51:01/193	04:01	15:02/87	
34 03:01	68:01	44:03	51:01	04:01	15:02	
35 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
38 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
39 03:01	68:01	44:03	51:01	04:01	15:02	
41 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
42 03:01:01:01	68:01:02:02	44:03:01	51:01:01	04:01:01	15:02:01	
45 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
48 03:01/24/182/293/301/313	68:01/66/152/164	44:03/298/302	51:01/230/260	04:01	15:02/176	
62 03:01:01:01	68:01:02:02	44:03:01	51:01:01	04:01:01	15:02:01:01	
100 03:01:01:01	68:01:02:02	44:03:01:10	51:01:01:04	04:01:01:14	15:02:01:01	
101 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
109 03:01	68:01	44:03	51:01	04:01	15:02	
112 03:01	68:01	44:03	51:01	04:01/04/07	15:02	
113 03:01	68:01	44:03	51:01	04:01	15:02	
115 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
119 03:01	68:01	44:03	51:01	04:01	15:02	
126 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
130 03:01:01:01	68:01:02:02	44:03:01:01/04/10/12/16	51:01:01:01/04/05/06/07/08	04:01:01:01/10/11/14	15:02:01:01	
132 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
133 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
141						
142 01:01	30:01	08:01	13:02	06:02	07:01/06/18	
145 03:01	68:01	44:03	51:01	04:01	15:02	
147 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
149 03:01	68:01	44:03	51:01	04:01	15:02	
156 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
157 03:01:01:01	68:01:02:02	44:03:01	51:01:01	04:01:01	15:02:01:01	
165 03:01	68:01	44:03	51:01	04:01	15:02	
178 03:01	68:01	44:03	51:01	04:01	15:02	
185 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
190 03:01	68:01	44:03	51:01	04:01	15:02	
196						
223						
224 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
225						
232						
242 Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	
245 03:01	68:01	44:03	51:01	04:01	15:02	
259 Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	
260 03:01:01	68:01:02	44:03	51:01	04:01/09	15:02	
267 03:01/291/292/293/301/312/313/315	68:01/152	44:03/298/302	51:01/193/224/230/232/249/260/262	04:01/30	15:02/176	
268 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
273 03:01	68:01	44:03	51:01	04:01	15:02	
276 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
284 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
286 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
304 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
312 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
319 03:01:01	68:01:02	44:03:01	51:01:01/51:04:01/51:06:01	04:01:01/04:04:01/04:10	15:02:01/15:08:01/15:03	
332 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
367 03:01	68:01	44:03	51:01	04:01	15:02	
374 03:01	68:01	44:03	51:01	04:01	15:02	
375 03:01:01:01	68:01:02:02	44:03:01:10	51:01:01:23	04:01:01:14	15:02:01:01	
380 03:01:01	68:01:02	44:03:01	51:01:01	04:01:01	15:02:01	
411 03:01:01	68:01:02:01	44:03:01:01	51:01:01:01	04:01:01:01	15:02:01:01	

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

4A2 01/2019								
3rd field assessment	DRB1*	DRB1*	DRB3*	DRB3*	DRB4*	DRB4*	DRB5*	DRB5*
Total distributed	24	24	13	13	13	13	13	13
Total submitted	24	23	13	13	13	13	13	13
Consensus	04:04:01	07:01:01	-	-	01:01:01	01:03:02	-	-
Reference								
Expected	04:04:01	07:01:01	-	-	01:01:01	01:03:02	-	-
Unacceptable	-	-	-	-	-	-	-	-
Number acceptable	22	18	-	-	12	13	-	-
Number unacceptable	2	6	-	-	1	0	-	-
Assessed	2	2	2	2	2	2	2	2
Comments								

Lab	DRB1*	DRB1*	DRB3*	DRB3*	DRB4*	DRB4*	DRB5*	DRB5*
6	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
9	04:04	07:01						
12	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
15	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
19	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
20	04:04	07:01/34/72/79/81/85	N/A	N/A	01	N/A	N/A	N/A
23	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
24	04:04	07:01/79/93	N/A	N/A	01:01	01:03	N/A	N/A
26	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
28								
29	04:04	07:01						
34	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
35	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
38	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
39	04:04	07:01						
41	04:04:01	07:01:01						
42	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
45	04:04:01	07:01:01/07:79						
48	04:04	07:01/79/93						
52	04:04:01	07:01/79/93						
100	04:04:01	07:01:01:01	N/A	N/A	01:01:01:01	01:03:02	N/A	N/A
101	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
109	04:04	07:01/79/93	N/A	N/A	01:01	01:03	N/A	N/A
112	04:04	07:01	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
113	04:04	07:01/79	N/A	N/A	01:01	01:03	N/A	N/A
115	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
119	04:04	07:01						
126	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
130	04:04:01	07:01:01/07:79/07:93	N/A	N/A	01:01:01	01:03:02	N/A	N/A
132	04:04:01	07:01:01	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
133	04:04:01	07:01:01						
141								
142	04:04	07:01						
145	04:04	07:01						
147	04:04:01	07:01:01	N/A	N/A	01:01	01:03	N/A	N/A
149	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
156	04:04:01	07:01:01/07:79/07:93	N/A	N/A	01:01:01	01:03:02	N/A	N/A
157	04:04:01	07:01:01						
165	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
178	04:04	07:01						
185	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
190	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
196	04:04	07:01						
223	04:04	07:01						
224	04:04:01	07:01:01/07:79/07:93	N/A	N/A	01:01:01	01:03:02	N/A	N/A
225	04:04	07:01						
232	04:04	07:01						
242	Not Tested	Not Tested	Not Tested	Not Tested	01:01/01:03/03:01N		Not Tested	Not Tested
245	04:04	07:01						
259	Not Tested	Not Tested						
260	04:04:01	07:01						
267	04:04/258/272	07:01/34/72/79/81/85/92/93/95/96/100						
268	04:04:01	07:01:01	N/A	N/A	01:01	01:03	N/A	N/A
273	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
276	04:04:01	07:01:01/07:79	N/A	N/A	01:01:01	01:03:02	N/A	N/A
284	04:04:01	07:01:01/07:79						
286	04:04:01	07:01:01	N/A	N/A	01:03:02	01:03:02	N/A	N/A
304	04:04:01	07:01:01						
312	04:04:01	07:01:01						
328	04:04:01	07:01:01						
332	04:04:01	07:01:01						
367	04:04	07:01	N/A	N/A	01:01	01:03	N/A	N/A
374	04:04	07:01						
375	04:04:01	07:01:01:02						
380	04:04:01	07:01:01	N/A	N/A	01:01:01	01:03:02	N/A	N/A
411	04:04:01	07:01:01:01						

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

4A2 01/2019									
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	
Consensus	02:01:01	03:01:01	-	-	01:03:01	01:03:01	02:01:02	04:01:01	
Reference	-	-	-	-	-	-	-	-	
Expected	02:01:01	03:01:01	-	-	01:03:01	01:03:01	02:01:02	04:01:01	
Unacceptable	-	-	-	-	-	-	-	-	
Number acceptable	12	12	-	-	12	12	19	20	
Number unacceptable	1	1	-	-	0	0	2	1	
Assessed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Comments									
Lab	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Assessment
6	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Acceptable
9			02:02	03:02			02:01	04:01	Not assessed
12	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Not assessed
15	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Acceptable
19	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Not assessed
20	02:01	03:01	02:02/97	03:02	01	01	02:01/141.01/352.01/414.01/461.01/617.01/640.01/678.01	04:01/350.01/415.01/459.01/464.01/534.01/615.01/618.01/670.01	Not assessed
23	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Not assessed
24	02:01	03:01	02:02/97/131	03:02/289/295/296	01:03	01:03	02:01	04:01	Not assessed
26	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Not assessed
28	02:01	03:01		03:02	01:03	01:03	02:01	04:01	Not assessed
29			02:02	03:02					Not assessed
34	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Not assessed
35	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Acceptable
38	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Acceptable
39	02:01	03:01	02:02	03:02			02:01	04:01	Not assessed
41	02:01:01	03:01:01	02:02:01	03:02:01			02:01	04:01	Acceptable
42	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Acceptable
45			02:02:01/02:97	03:02:01/03:02:26			02:01:02	04:01:01	Not assessed
48			02:02/97/110/131	03:02/289/295/296/321			02:01	04:01	Not assessed
62			02:02	03:02			02:01	04:01	Acceptable
100			02:02:01:01	03:02:01:02	01:03:01:01	01:03:01:04	02:01:02:05	04:01:01:06	Acceptable
101	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Acceptable
109	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Not assessed
112	02:01	03:01	02:02	03:02	Not Tested	Not Tested	Not Tested	Not Tested	Not assessed
113			02:02	03:02			02:01	04:01	Not assessed
115	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Not assessed
119	02:01	03:01	02:02	03:02			02:01	04:01	Not assessed
126	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Acceptable
130	02:01:01	03:01:01	02:02:01/06/09	03:02:01/26	01:03:01	01:03:01	02:01:02	04:01:01	Unacceptable
132	02:01	03:01	02:02:01	03:02:01	Not Tested	Not Tested	02:01:02	04:01:01	Acceptable
133			02:02:01	03:02:01			02:01:02	04:01:01	Acceptable
141				02:02			11:01	17:01	Unacceptable
142			02:01	02:02			02:01	04:01	Not assessed
145	02:01	03:01	02:02	03:02			02:01	04:01	Not assessed
147	02:01:01	03:01:01	02:02:01	03:02:01			02:01:02	04:01:01	Acceptable
149	02:01	03:01	02:02	03:02			02:01	04:01	Not assessed
156	02:01:01	03:01:01	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	04:01:01	Not assessed
157	02:01:01	03:01:01	02:02:01	03:02:01			02:01:02	04:01:01	Acceptable
165	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Not assessed
178	02:01	03:01	02:02	03:02			02:01	04:01	Not assessed
185	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Acceptable
190	02:01	03:01	02:02	03:02	01:03	01:03	02:01	04:01	Not assessed
196	02:01	03:01	02:02	03:02			02:01	04:01	Not assessed
223	02:01	03:01		03:02			02:01	04:01	Not assessed
224			02:02:01/06/09	03:02:01/26			02:01:02	04:01:01	Unacceptable
225				03:02			02:01	04:01	Not assessed
232			02:02	03:02					Not assessed
242			Not Tested	Not Tested					Not assessed
245	Not Tested	Not Tested	02:02	03:02	Not Tested	Not Tested	02:01	04:01	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	03:01	02:02:01 / 02:02:06	03:02:01 / 03:289			02:01:02	04:01:01	Unacceptable
273	02:01	03:01	02:02	03:02	Not Tested	Not Tested	02:01	04:01	Not assessed
276	02:01:01	03:01:01	02:02:01/06	03:02:01/26	01:03:01	01:03:01	02:01:02	04:01:01	Unacceptable
284			02:02:01/02:97	03:02:01/03:02:26					Unacceptable
286	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01:02	04:01:01	Unacceptable
304			02:02:01	03:02:01			02:01:02	04:01:01	Acceptable
312			02:02:01	03:02:01			02:01:02	04:01:01	Acceptable
328			02:02:01	03:02:01			02:01:02	04:01:01	Not assessed
332			02:02:01	03:02:01			02:01:02 / 02:01:19	04:01:01	Unacceptable
367			02:02	03:02					Not assessed
374	02:01	03:01	02:02	03:02					Not assessed
375			02:02:01:01	03:02:01:02					Not assessed
380	02:01:01	03:01:01	02:02:01	03:02:01	01:03:01	01:03:01	02:01	04:01:01	Not assessed
411			02:02:01:01	03:02:01:01					Not assessed