



**UK NEQAS for H&I Scheme 4A1 - HLA Typing at 1st Field Resolution**

SAMPLE 4A1 01/2018 DISPATCHED ON 17TH APRIL 2018

**ASSESSMENT**

Please note: HLA-DPB1\* "Acceptable" results are from a reference type, not consensus

Lab No.	A* 03	A* 24	B* 07	B* 07/Blank	C* 07	C* 07/Blank	DRB1* 15	DRB1* 15/Blank	DRB3* -	DRB5* 01/Presence	DQA1* 01	DQA1* 01/Blank	DQB1* 06	DQB1* 06/Blank	DPA1* 01	DPA1* 01/Blank	DPB1* 04/01	DPB1* 04/01/Blank	Acceptable Unacceptable	
																				Result Summary
	3	3	3	3	3	3	3	3	-	4	2	2	3	3	0	0	0	0	0	
6	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	01	01	06					04:01		
9	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01		06							
11	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+			06					04:01		
12	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04:01		
14	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04:01		
15	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06					04:01/99:01/120:01N			
19	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01		04/121/415/459/464/534/615/618	04/121/415/459/464/534/615/618		
20	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06					04:01			
23	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04		
24	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04:01		
25	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04:01		
26	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04:01		
28	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06					04:01/99:01/120:01N/121:01/128:01/134:01/148:01/169:01/174:01/175:01/176:01/177:01/178:01/180:01/181:01/192:01/193:01/194:01/195:01/212:01/213:01/215:01/216:01N/224:01/225:01/227:01/228:01/230:01/231:01/232:01/240:01/253:01/254:01/255:01/262:01/272:01/275:01/276:01/278:01/280:01-285:01/298:01/318:01-320:01/323:01/334:01-336:01/341:01/350:01/356:01/357:01N/360:01/372:01/375:01/376:01/378:01/396:01/397:01/399:01/415:01/418:01/425:01/426:01/427:01/428:01-1453/01/453:01-456:01/459:01/464:01/465:01/468:01-1475:01/476:01/479:01/485:01-487:01/497:01/500:01/520:01-524:01/529:01/534:01/553:01/554:01/556:01/559:01/569:01/575:01/578:01-583:01/591:01-593:01/607:01/614:01/615:01/618:01/625:01/642:01/643:01/658:01			
29	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
34	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
35	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04		
38	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06						04:01		
39	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04		
41	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01		06							
42	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	01	06	06	01	01		04	04	
45	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06						04		
48	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
51	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04		
54	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04		
58	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04		
62	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04:01/04:01N		
78	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	01	06	06						
86	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	01	06	06	01	01				
100	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06						04		
101	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06								
108	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06								
112	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06								
115	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04		
119	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
123	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
126	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04:01		
127	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
128	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
130	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04:01:01G		
132	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
133	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
141	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04		
142	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
146	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06								
155	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06					04:01		
156	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
164	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06							
174	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06	06							
185	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04		
189	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
190	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06	06		01			04		
195	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06						04		
197	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06	06							
205	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06			01			04:01		
206	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
207	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06								
209	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
211	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
212	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
213	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
214	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
215	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
216	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
217	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
220	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
222	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
223	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
225	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
227	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06	06	06				04:01		
229	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	01	06	06						
230	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06	06	06						
231	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06	06	06						
232	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06	06	06						
239	YES	YES	YES	YES	Presence	YES	YES	YES	YES	+	01	06	06	06						
240	YES	YES	YES	YES	Presence	YES	YES	YES	YES	01	01	06	06	06						
241	YES	YES	YES	YES	Presence	YES	YES													

**UK NEQAS for H&I Scheme 4A1 - HLA Typing at 1st Field Resolution**

SAMPLE 4A1 02/2018 DISPATCHED ON 17TH APRIL 2018

ASSESSMENT

Please note: HLA-DPB1\* "Acceptable" results are from a reference type, not consens

A*	A*	B*	B*	C*	C*	DRB1*	DRB1*	DRB4*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Acceptable
02	02/Blank	07	04	05	01/08	07	15	01/Presence	01/Presence	01	02	02	06	01	02	04:01	11:01	Unacceptable
<b>Result Summary</b>																		
Number Unacceptable																		
3	3	3	3	3	5	3	3	4	4	2	3	3	2	0	0	0	0	0
Number NT																		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0

Lab No.	A*	B*	C*	DRB1*	DRB3/4/5*	DQA1*	DQB1*	DPA1*	DPB1*	A*	A*	B*	B*	C*	C*	DRB1*	DRB1*	DRB4*	DRB5*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
	105	105	97	104	51	49	99	24	30																		
6	YES	YES	YES	YES	YES	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04:01	11:01
9	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	+	+	01	02	02	06			04:01	11:01
11	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	+	+	01	02	02	06			04:01	11:01
12	YES	YES	YES	YES	YES	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04:01	11:01
14	YES	YES	YES	YES	YES	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04:01	11:01
15	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06			04:01/121:01/128:01	11:01/128:01/134:01
19	YES	YES	YES	YES	YES	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04/121/415/459/464/534/615/618	11/388/450N/649/654
20	YES	YES	YES	YES	YES	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	NT	NT	04:01	11:01
23	YES	YES	YES	YES	YES	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
24	YES	YES	YES	YES	YES	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04:01	11:01
25	YES	YES	YES	YES	YES	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04:01	11:01
26	YES	YES	YES	YES	YES	YES	YES	YES	YES	02		07	44	05	07	07	15			01	02	02	06			04:01/11:01/121:01/128:01/134:01/3	11:01/128:01/134:01/2
28	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01			02	06			88:01/415:01/450:01N/459:01/464:0	02:01/328:01N/388:01
29	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06			1/534:01/615:01/618:01/649:01/654:01	01/654:01
34	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
35	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
38	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04:01	11:01
39	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
41	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	+	+	01	02	02	06			04	11:01
42	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	02	07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
45	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06			04	11:01
48	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06			04	11:01
51	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
54	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
58	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
62	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04:01/04:01N	11:01:01
78	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06			04	11:01
86	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	02	07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
100	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	02	07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
101	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	+	+	01	02	02	06	01	02	04	11:01
108	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	+	+	01	02	02	06			04	11:01
112	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	+	+	01	02	02	06			04	11:01
115	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
119	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06			04	11:01
123	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04:01	11:01
126	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04:01	11:01
127	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	02	07	44	05	07	07	15	01	01	01	02	02	06			04	11:01
128	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04:01:01G	11:01:01G
130	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04:01:01G	11:01:01G
132	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06			04	11:01
133	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06			04:01	11:01
141	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
142	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
149	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	+	+	01	02	02	06			04	11:01
155	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	02	07	44	05	07	07	15	01	01	01	02	02	06			04:01	11:01
156	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06			04:01	11:01
159	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	02	07	44	05	07	07	15	01	01	01	02	02	06			04:01	11:01
172	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	02	07	44	05	07	07	15	01	01	01	02	02	06			04:01	11:01
185	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06			04	11:01
189	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	02	07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
190	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	02	07	44	05	07	07	15	+	+	01	02	02	06	01	02	04	11:01
195	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
197	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	02	07	44	05	07	07	15	01	01	01	02	02	06			04	11:01
205	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	+	+	01	02	02	06			04	11:01
206	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06	01	02	04	11:01
207	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02		07	44	05	07	07	15	01	01	01	02	02	06			04	11:01

**UK NEQAS for H&I Scheme 4A1 - HLA Typing at 1st Field Resolution**

SAMPLE 4A1 03/2018 DISPATCHED ON 17TH APRIL 2018

ASSESSMENT

Please note: HLA-DPB1\* "Acceptable" results are from a reference type, not consensus

A*	A*	B*	B*	C*	C*	DRB1*	DRB1*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Acceptable
02	29	45	51	04	06	03	08	02/Presence	04	05	02	04	01	01/Blank	03:01	104:01	Unacceptable

**Result Summary**

Number Unacceptable	3	3	6	3	4	3	4	3	4	2	2	2	2	0	0	0	6
Number NT	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	

Lab No.	A*	B*	C*	DRB1*	DRB3/4/5*	DQA1*	DQB1*	DPA1*	DPB1*	A*	A*	B*	B*	C*	C*	DRB1*	DRB1*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
6	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	29	45	51	04	06	03	08	02	04	05	02	04	01		03:01/104:01	03:01/104:01
9	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04				
11	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03:01	104:01
12	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03:104	03:104
14	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03:01/70:01/104:01	03:01/70:01/104:01
15	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03:104/111/222/270/293/329/391/404/405/4	03:104/111/222/270/293/329/391/404/405/4
19	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03:01/104	03:01/104
20	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03	03:01/104
23	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03:01/104:01	03:01/104:01
24	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03:01	03:01
25	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03:01/70:01/104:01/111/01/221:01/222:01/2	03:01/70:01/104:01/111/01/221:01/222:01/2
26	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		70:01/293:01/329:01/391:01/404:01/405:01/	70:01/293:01/329:01/391:01/404:01/405:01/
28	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		439:01/472:01/506:01/507:01N/509:01/545:	439:01/472:01/506:01/507:01N/509:01/545:
29	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		01/548:01/568:01/610:01/645:01/664:01	01/548:01/568:01/610:01/645:01/664:01
34	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03	03
35	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03:01	104:01
38	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03:01	104:01
39	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03	03
41	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03	03
42	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03	03
45	YES	YES	YES	YES	Presence	YES	YES	YES	YES	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
48	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03:104	03:104
51	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03	03:104
54	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03	03:104
58	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03	03
62	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03:01:01	104:01:01
78	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01		03	03
86	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
100	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
101	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
108	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
112	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
115	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
119	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
123	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
126	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
127	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
128	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
130	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03:01:01G	03:01:01G
132	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03:01:01G	03:01:01G
133	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03:01	104:01
141	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
142	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
149	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
155	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03	104
156	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03:01	104:01
168	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03:01	104:01
172	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03:01	104:01
185	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03:01	104:01
189	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	29	45	51	04	06	03	08	+	04	05	02	04	01	01	03:01	104:01

**UK NEQAS for H&I Scheme 4A1 - HLA Typing at 1st Field Resolution**

SAMPLE 4A1 04/2018 DISPATCHED ON 17TH APRIL 2018

ASSESSMENT

Please note: HLA-DPB1\* "Acceptable" results are from a reference type, not conse

A*	A*	B*	C*	C*	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Acceptable		
02	11	13	40	03	06	04	13	03/Presence	01/Presence	01	03	08	03	06	01	01/Blank	03:01	04:01	Unacceptable

**Result Summary**

Number Unacceptable	3	3	3	4	5	3	3	3	4	4	2	2	3	2	0	0	0	0
Number NT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Lab No.	A*	B*	C*	DRB1*	DRB3/4/5*	DQA1*	DQB1*	DPA1*	DPB1*	A*	A*	B*	B*	C*	C*	DRB1*	DRB1*	DRB3*	DRB4*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*
105	105	97	104	51	49	99	24	30		02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01/104:01	04:01
6	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01/104:01	04:01
9	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01			
11	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:104	04:01
12	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01	04:01
14	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:104	04:01
15	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01/72:01/104:01	04:01/121:01/124:01
19	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:104/111/222/270/293/3	04:121/415/459/464/534/615/
20	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01	04:01
23	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
24	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01/104:01	04:01
25	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01	04:01
26	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01/04:01/104:1/111/01/	04:01/121:01/124:01/149:01/121:01/124:01/222:01/270/293/3
28	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01/121:01/124:01/149:01/121:01/124:01/222:01/270/293/3	04:01/174:01/175:01/181:01/192:01/293:01/329:01/391:01/404:01/405:01/415:01/439
29	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		195:01/212:01/213:01/228:01/232:01/240:01/253:01/281:01/534:01/548:01/568:01/610/283:01/298:01/320:01/323:01/334:01/664:01	336:01/341:01/350:01/356:01/357:01/360:01/372:01/375:01/376:01/396:01/397:01/415:01/418:01/425:01/426:01/428:01/434:01/453:01/455:01/466:01/459:01/464:01/465:01/468:01/475:01/476:01/479:01/485:01/482:01/521:01/523:01/524:01/529:01/534:01/554:01/569:01/575:01/591:01/593:01/607:01/614:01/615:01/618:01/625:01/643:01/658:01
34	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
35	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01	04:01
38	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
39	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
41	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
42	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
45	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
48	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
51	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
54	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
58	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
62	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01/124:01	04:01/04:01N/350:01
78	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
86	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
100	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
101	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
108	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
112	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
115	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
119	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
123	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01	04:01
126	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01	04:01
127	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
128	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
130	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01/01G	04:01/01G
132	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
133	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
141	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
142	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
149	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01	04:01
155	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01	04:01
156	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01	04:01
164	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03:01	04:01
172	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
185	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
189	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
190	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
195	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03	01	01	03	03	06	01		03	04
197	YES	YES	YES	YES	Presence	YES	YES	YES	YES	02	11	13	40	03	06	04	13	03									

**UK NEQAS for H&I Scheme 4A1 - HLA Typing at 1st Field Resolution**

SAMPLE 4A1 05/2018 DISPATCHED ON 17TH APRIL 2018

ASSESSMENT

Please note: HLA-DPB1\* "Acceptable" results are from a reference type, not consensus

A*	A*	B*	C*	C*	DRB1*	DRB1*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	Acceptable	
02	26	44	58	07	07/Blank	13	13/Blank	01/Presence	01	05	03	06	01	01/Blank	04:01	20:01	Unacceptable

Result Summary  
Number Unacceptable  
Number NT

3	4	3	3	3	3	5	3	4	2	2	4	2	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Lab No.	A*	B*	C*	DRB1*	DRB3/4/5*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*	A*	A*	B*	C*	C*	DRB1*	DRB1*	DRB3*	DQA1*	DQA1*	DQB1*	DQB1*	DPA1*	DPA1*	DPB1*	DPB1*		
105	105	97	104	51	49	99	24	30	25	44	58	07	07	13	13	01	05	03	06	01	01	05	03	06	01	01	04:01	20:01			
6	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04:01	20:01	
9	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04:01	20:01		
11	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04:01	20:01		
12	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04:01	20:01		
14	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04:01	20:01	
15	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04:01/72:01/121:01	20:01/128:01/130:01		
19	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04/121/415/459/464/534/615/618	20/130		
20	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04:01	20		
23	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
24	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04:01	20:01	
25	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04:01	20:01	
26	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04:01/20:01/121:01/130:01/415:01/459:01/464:01/5	20:01/128:01/130:01/34:01/615:01/618:01	134:01
28	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
29	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
34	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
35	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
38	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04:01	20:01		
39	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
41	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
42	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
45	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
48	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
51	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
54	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
58	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
62	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04:01/04:01N	20:01:01	
70	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
86	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
100	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
101	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
108	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
112	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
115	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
119	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
123	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04:01	20:01		
126	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04:01	20:01		
127	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
128	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
130	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04:01:01G	20:01:01G		
132	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
133	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
144	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
149	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
155	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04:01	20:01	
156	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04:01	20:01		
164	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	13	13	01	01	05	03	06	01		04	20		
172	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
185	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
189	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
190	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
195	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
197	YES	YES	YES	YES	Presence	YES	YES	YES	YES	YES	YES	YES	YES	02	25	44	58	07	07	13	13	01	01	05	03	06	01		04	20	
205	YES	YES																													