UKNEQAS for HISTOCOMPATIBILITY and IMMUNOGENETICS
UNITED KINGDOM EXTERNAL QUALITY ASSESSMENT SERVICE

UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION **RESUTLS BY LUMINEX KIT(S) USED**

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 301/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	A1	A2	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33
Consensus	Not Assessed	Absent	Not Assessed	Not Assessed	Not Assessed	Present	Present	Present	Present	Present	Present	Present	Present	Absent	Present
% reported	5.5%	4.1%	20.5%	43.8%	56.2%	98.6%	100.0%	95.9%	98.6%	98.6%	87.7%	83.6%	82.2%	1.4%	89.0%

HLA specificities from One Lambda kit users only

	A1	A2	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33
Consensus	Not Assessed		Not Assessed	Not Assessed	Not Assessed	Present	Present	Present	Present	Present	Present	Present	Present	Absent	Present
% reported	5.7%	0.0%	9.4%	39.6%	56.6%	100.0%	100.0%	98.1%	100.0%	100.0%	94.3%	94.3%	92.5%	1.9%	98.1%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
9	A1 L < 2000			A24 L 2000-5000	A2403 L 2000-5000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L > 5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
11					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
12	A1 L < 2000		A23 L < 2000		A2403 L 2000-5000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000,> 5000	A31 L 2000-5000		A33 L 2000-5000,> 5000
14				A24 L < 2000		A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
15					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L 2000-5000	A29 L 2000-5000	A30 L < 2000	A31 L < 2000		A33 L 2000-5000
19			A23 L < 2000	A24 L < 2000,2000-5000	A2403 L 2000-5000	A25 L > 5000	A26 L > 5000	A34 L 2000-5000	A66 L 2000-5000,> 5000	A11 L 2000-5000	A29 L < 2000	A30 L 2000-5000			A33 L 2000-5000,> 5000
20					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
23				A24 L < 2000		A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L > 5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
26						A25 L > 5000	A26 L > 5000	A34 L 2000-5000	A66 L > 5000	A11 L 2000-5000	A29 L < 2000	A30 L < 2000	A31 L < 2000		A33 L 2000-5000
28	A1 L < 2000				A2403 L 2000-5000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
35					A2403 L	A25 L	A26 L	A34 L	A66 L	A11 L	A29 L	A30 L	A31 L		A33 L
38					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L > 5000
39					A2403 L 2000-5000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L > 5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
41					A2403 L 2000-5000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
42					A2403 L < 2000	A25 L > 5000	A26 C+L > 5000	A34 L > 5000	A66 L > 5000	A11 L 2000-5000	A29 L 2000-5000	A30 L 2000-5000	A31 L < 2000		A33 L 2000-5000
45			A23 L	A24 L	A2403 L	A25 L	A26 L	A34 L	A66 L	A11 L	A29 L	A30 L	A31 L		A33 L
51						A25 L > 5000	A26 L > 5000	A34 L 2000-5000	A66 L > 5000	A11 L 2000-5000	A29 L < 2000	A30 L 2000-5000	A31 L < 2000		A33 L 2000-5000
54					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
62						A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
114				A24 L 2000-5000	A2403 L 2000-5000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L > 5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
116					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L > 5000
117				A24 L	A2403 L < 2000	A25 E+L > 5000	A26 E+L > 5000	A34 E+L > 5000	A66 E+L > 5000	A11 E+L > 5000	A29 E+L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 E+L > 5000
119					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L > 5000	A30 L 2000-5000,> 5000	A31 L 2000-5000		A33 L 2000-5000,> 5000
120			A23 L < 2000	A24 L < 2000		A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L > 5000
136				A24 L	A2403 L < 2000	A25 L > 5000	A26 C+L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
139						A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
142				A24 L < 2000		A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
145					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000,> 5000	A31 L 2000-5000		A33 L 2000-5000,> 5000
147				A24 L 2000-5000		A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L > 5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
157				A24 L 2000-5000	A2403 L 2000-5000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L > 5000	A30 L > 5000	A31 L > 5000		A33 L > 5000
159						A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
162					A2403 L < 2000	A25 L > 5000	A26 C+L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L > 5000	A30 L > 5000	A31 L > 5000		A33 L > 5000
164					A2403 L > 5000	A25 L > 5000	A26 C+L > 5000	A34 L > 5000	A66 C+L > 5000	A11 L > 5000	A29 L > 5000	A30 L > 5000	A31 L > 5000		A33 L > 5000
165				A24 L 2000-5000		A25 C+F+E+L > 5000	A26 F+E+L > 5000	A34 C+F+E+L > 5000	A66 F+E+L > 5000	A11 F+E+L > 5000	A29 C+F+L 2000-5000	A30 F+L 2000-5000	A31 F+L 2000-5000		A33 F+E+L 2000-5000
169						A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
181			A23 L < 2000	A24 L < 2000		A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
190					A2403 L 2000-5000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L > 5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
193						A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
194				A24 L < 2000		A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L > 5000
195				A24 L < 2000		A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
204					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
206					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
209				A24 L 2000-5000		A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
216						A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L 2000-5000					A33 L 2000-5000
232						A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
235						A25 L	A26 L	A34 L	A66 L	A11 L					A33 L
243				A24 L > 5000		A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L > 5000	A30 L > 5000	A31 L > 5000	A32 L < 2000	A33 L > 5000
245				A24 L > 5000	A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
271				A24 L < 2000	A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L > 5000
277				A24 L < 2000		A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L > 5000
284					A2403 L < 2000	A25 L > 5000	A26 C+L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
293						A25 L > 5000	A26 L > 5000		A66 L > 5000	A11 L 2000-5000					
303					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
Number reporting Sepcificity	3 < 2000	0 < 2000	5 < 2000	21 < 2000	30 < 2000	53 < 2000	53 < 2000	52 < 2000	53 < 2000	53 < 2000	50 < 2000	50 < 2000	49 < 2000	1 < 2000	52 < 2000
Total number of participants	53 2	53 0	53 4	53 9	53 17	53 0	53 0	53 0	53 0	53 0	53 3	53 2	53 4	53 1	53 0
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	0	0	0	5	8	0	0	3	0	7	33	26	37	0	21
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	0	0	0	2	1	48	48	44	48	41	10	18	4	0	26

HLA specificities from Lifecodes kit users only

	A1	A2	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33
Consensus		Not Assessed	Present	Present	Not Assessed	Present	Present	Present	Present	Present	Not Assessed	Not Assessed	Not Assessed		Not Assessed
% reported	0.0%	20.0%	80.0%	80.0%	60.0%	100.0%	100.0%	90.0%	100.0%	100.0%	60.0%	30.0%	30.0%	0.0%	40.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
29		A2 L < 2000	A23 L 2000-5000	A24 L 2000-5000	A2403 L > 5000	A25 L 2000-5000	A26 L 2000-5000	A34 L 2000-5000	A66 L 2000-5000	A11 L 2000-5000	A29 L 2000-5000	A30 L < 2000	A31 L < 2000		A33 L < 2000
112			A23 L 2000-5000	A24 L 2000-5000	A2403 L > 5000	A25 L 2000-5000	A26 L 2000-5000	A34 L < 2000	A66 L 2000-5000	A11 L 2000-5000	A29 L < 2000	A30 L < 2000	A31 L < 2000		A33 L < 2000
149			A23 L 2000-5000	A24 L 2000-5000	A2403 L 2000-5000	A25 L < 2000	A26 L 2000-5000	A34 L < 2000	A66 L 2000-5000	A11 L < 2000					
185						A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L < 2000		A30 L < 2000	A31 L < 2000		A33 L < 2000
218						A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L < 2000					
229			A23 L 2000-5000	A24 L 2000-5000	A2403 L 2000-5000	A25 L < 2000	A26 L < 2000		A66 L	A11 L < 2000					
238			A23 L 2000-5000	A24 L 2000-5000		A25 L < 2000	A26 L 2000-5000	A34 L < 2000	A66 L 2000-5000	A11 L 2000-5000	A29 L < 2000				A33 L < 2000
262		A2 L < 2000	A23 L 2000-5000	A24 L > 5000		A25 L < 2000	A26 L 2000-5000	A34 L < 2000	A66 L 2000-5000	A11 L 2000-5000	A29 L < 2000				
268			A23 L > 5000	A24 L > 5000	A2403 L > 5000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000				
297			A23 L 2000-5000	A24 L 2000-5000	A2403 L 2000-5000	A25 L < 2000	A26 L 2000-5000	A34 L < 2000	A66 L 2000-5000	A11 L 2000-5000	A29 L < 2000				
Number reporting Sepcificity	0 < 2000	2 < 2000	8 < 2000	8 < 2000	6 < 2000	10 < 2000	10 < 2000	9 < 2000	10 < 2000	10 < 2000	6 < 2000	3 < 2000	3 < 2000	0 < 2000	4 < 2000
Total number of participants	10 0	10 2	10 0	10 0	10 0	10 7	10 3	10 7	10 2	10 4	10 4	10 3	10 3	10 0	10 4
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	0	0	7	6	3	2	6	1	6	5	2	0	0	0	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	0	0	1	2	3	1	1	1	1	1	0	0	0	0	0

HLA specificities from users of both LABScreen & Lifecodes kits

	A1	A2	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33
Consensus		Not Assessed	Not Assessed	Not Assessed	Not Assessed	Present	Present	Present	Present	Present	Present	Present	Present	Absent	Present
% reported	0.0%	12.5%	25.0%	37.5%	62.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	87.5%	0.0%	100.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
24					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
25			A23 L 2000-5000	A24 L 2000-5000		A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
34					A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L 2000-5000	A66 L 2000-5000,> 5000	A11 L 2000-5000	A29 L < 2000	A30 L < 2000,2000-5000	A31 L < 2000		A33 L < 2000,2000-5000
48					A2403 L 2000-5000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
58				A24 L < 2000	A2403 L < 2000	A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
186						A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000		A33 L 2000-5000
227						A25 L > 5000	A26 L > 5000	A34 L > 5000	A66 L > 5000	A11 L > 5000	A29 L 2000-5000	A30 L > 5000	A31 L 2000-5000		A33 L > 5000
267		A2 L < 2000	A23 L 2000-5000	A24 L 2000-5000	A2403 L > 5000	A25 L 2000-5000	A26 L 2000-5000	A34 L 2000-5000	A66 L 2000-5000	A11 L 2000-5000	A29 L 2000-5000	A30 L < 2000			A33 L < 2000
Number reporting Sepcificity	0 < 2000	1 < 2000	2 < 2000	3 < 2000	5 < 2000	8 < 2000	8 < 2000	8 < 2000	8 < 2000	8 < 2000	8 < 2000	8 < 2000	7 < 2000	0 < 2000	8 < 2000
Total number of participants	8 0	8 1	8 0	8 1	8 3	8 0	8 0	8 0	8 0	8 0	8 1	8 1	8 1	8 0	8 1
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	0	0	2	2	1	1	1	2	1	2	7	5	6	0	5
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	0	0	0	0	1	7	7	6	7	6	0	1	0	0	1

UKNEQAS for HISTOCOMPATIBILITY and IMMUNOGENETICS
UNITED KINGDOM EXTERNAL QUALITY ASSESSMENT SERVICE

UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION **RESUTLS BY LUMINEX KIT(S) USED**

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 301/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	A68	A69	A36	A43	A80	B51	B52	B7	B13	B64	B62	B63	B75	B76	B77	B57	B58	B56	B35	B37
Consensus	Present	Present	Not Assessed	Present	Absent	Absent	Absent	Absent	Present	Absent	Absent	Not Assessed	Not Assessed	Absent	Not Assessed	Not Assessed	Absent	Absent	Not Assessed	Absent
% reported	93.2%	76.7%	32.9%	90.4%	4.1%	1.4%	1.4%	1.4%	83.6%	1.4%	4.1%	28.8%	11.0%	1.4%	6.8%	12.3%	4.1%	1.4%	11.0%	2.7%

HLA specificities from One Lambda kit users only

	A68	A69	A36	A43	A80	B51	B52	B7	B13	B64	B62	B63	B75	B76	B77	B57	B58	B56	B35	B37
Consensus	Present	Present	Not Assessed	Present	Not Assessed		Absent	Absent	Present			Not Assessed	Not Assessed		Not Assessed	Not Assessed	Absent	Absent		Absent
% reported	98.1%	92.5%	37.7%	94.3%	5.7%	0.0%	1.9%	1.9%	98.1%	0.0%	0.0%	35.8%	15.1%	0.0%	9.4%	17.0%	3.8%	1.9%	0.0%	3.8%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
9	A68 L > 5000	A69 L > 5000	A36 L < 2000	A43 L > 5000	A80 L < 2000				B13 L 2000-5000			B63 L < 2000	B75 L < 2000		B77 L < 2000	B57 L < 2000				
11	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
12	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000			B63 L < 2000	B75 L < 2000		B77 L < 2000	B57 L < 2000				
14	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
15	A68 L 2000-5000	A69 L < 2000		A43 L > 5000					B13 L < 2000			B63 L < 2000								B37 L < 2000
19	A68 L 2000-5000	A69 L < 2000		A43 L > 5000					B13 L < 2000											B37 L < 2000
20	A68 L 2000-5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000			B63 L < 2000				B57 L < 2000				
23	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
26	A68 L 2000-5000	A69 L < 2000		A43 L > 5000					B13 L < 2000											
28	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000			B63 L 2000-5000	B75 L < 2000		B77 L < 2000	B57 L < 2000				
35	A68 L	A69 L		A43 L					B13 L											
38	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
39	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000			B63 L < 2000								
41	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
42	A68 L 2000-5000	A69 L < 2000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000			B63 L < 2000								
45	A68 L	A69 L		A43 L					B13 L											
51	A68 L 2000-5000	A69 L < 2000		A43 L > 5000					B13 L < 2000											
54	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000											
62	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
114	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000			B63 L < 2000								
116	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
117	A68 E+L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000			B63 L < 2000				B57 L < 2000				
119	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
120	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000				B7 L < 2000	B13 L 2000-5000			B63 L < 2000	B75 L < 2000							
136	A68 C+L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
139	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
142	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000			B63 L < 2000								
145	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
147	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000			B63 L < 2000								
157	A68 L > 5000	A69 L > 5000	A36 L 2000-5000	A43 L > 5000	A80 L < 2000				B13 L > 5000			B63 L 2000-5000	B75 L < 2000		B77 L < 2000	B57 L < 2000				
159	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
162	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L > 5000											
164	A68 L > 5000		A36 L 2000-5000	A43 L > 5000					B13 L > 5000			B63 L 2000-5000								
165	A68 F+E+L > 5000	A69 F+L < 2000		A43 F+L > 5000					B13 C+F+L 2000-5000				B75 C+F							
169	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
181	A68 L 2000-5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000			B63 L < 2000				B57 L < 2000				
190	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000											
193	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
194	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L					B13 L 2000-5000			B63 L < 2000	B75 L < 2000			B57 L < 2000	B58 L < 2000			
195	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
204	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000											
206	A68 L 2000-5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
209	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000			B63 L < 2000				B57 L < 2000	B58 L < 2000			
216	A68 L > 5000																			
232	A68 L 2000-5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
235	A68 L								B13 L											
243	A68 L > 5000	A69 L > 5000	A36 L 2000-5000	A43 L > 5000	A80 L 2000-5000				B13 L > 5000			B63 L 2000-5000	B75 L < 2000		B77 L < 2000					
245	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
271	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
277	A68 L > 5000	A69 L < 2000		A43 L > 5000					B13 L 2000-5000											
284	A68 L 2000-5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
293							B52 L 2000-5000		B13 L 2000-5000			B63 L 2000-5000						B56 L 2000-5000		
303	A68 L > 5000	A69 L < 2000		A43 L > 5000					B13 L 2000-5000											
Number reporting Sepcificity	52 < 2000	49 < 2000	20 < 2000	50 < 2000	3 < 2000	0 < 2000	1 < 2000	1 < 2000	52 < 2000	0 < 2000	0 < 2000	19 < 2000	8 < 2000	0 < 2000	5 < 2000	9 < 2000	2 < 2000	1 < 2000	0 < 2000	2 < 2000
Total number of participants	53 0	53 8	53 16	53 0	53 1	53 0	53 0	53 1	53 4	53 0	53 0	53 13	53 6	53 0	53 4	53 8	53 2	53 0	53 0	53 2
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	10	35	3	0	1	0	1	0	39	0	0	5	0	0	0	0	0	1	0	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	37	2	0	45	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0

HLA specificities from Lifecodes kit users only

	A68	A69	A36	A43	A80	B51	B52	B7	B13	B64	B62	B63	B75	B76	B77	B57	B58	B56	B35	B37
Consensus	Not Assessed	Not Assessed	Not Assessed	Present		Not Assessed			Not Assessed	Not Assessed	Not Assessed			Not Assessed			Not Assessed		Not Assessed	
% reported	70.0%	10.0%	10.0%	80.0%	0.0%	10.0%	0.0%	0.0%	20.0%	10.0%	20.0%	0.0%	0.0%	10.0%	0.0%	0.0%	10.0%	0.0%	70.0%	0.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
29	A68 L < 2000	A69 L < 2000	A36 L < 2000	A43 L 2000-5000		B51 L < 2000			B13 L < 2000		B62 L < 2000			B76 L < 2000			B58 L < 2000		B35 L < 2000	
112	A68 L < 2000			A43 L 2000-5000						B64 L < 2000									B35 L < 2000	
149	A68 L < 2000			A43 L < 2000															B35 L < 2000	
185	A68 L < 2000			A43 L < 2000					B13 L < 2000											
218																				
229	A68 L < 2000																			
238	A68 L < 2000			A43 L < 2000															B35 L < 2000	
262				A43 L < 2000							B62 L < 2000								B35 L 2000-5000	
268	A68 L 2000-5000			A43 L < 2000															B35 L 2000-5000	
297				A43 L 2000-5000															B35 L < 2000	
Number reporting Sepcificity	7 < 2000	1 < 2000	1 < 2000	8 < 2000	0 < 2000	1 < 2000	0 < 2000	0 < 2000	2 < 2000	1 < 2000	2 < 2000	0 < 2000	0 < 2000	1 < 2000	0 < 2000	0 < 2000	1 < 2000	0 < 2000	7 < 2000	0 < 2000
Total number of participants	10 6	10 1	10 1	10 5	10 0	10 1	10 0	10 0	10 2	10 1	10 2	10 0	10 0	10 1	10 0	10 0	10 1	10 0	10 5	10 0
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

HLA specificities from users of both LABScreen & Lifecodes kits

	A68	A69	A36	A43	A80	B51	B52	B7	B13	B64	B62	B63	B75	B76	B77	B57	B58	B56	B35	B37
Consensus	Present	Present	Not Assessed	Present					Present		Not Assessed	Not Assessed							Not Assessed	
% reported	100.0%	75.0%	25.0%	100.0%	0.0%	0.0%	0.0%	0.0%	75.0%	0.0%	12.5%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%	0.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
24	A68 L 2000-5000	A69 L < 2000		A43 L > 5000					B13 L 2000-5000											
25	A68 L > 5000	A69 L 2000-5000		A43 L > 5000																
34	A68 L 2000-5000	A69 L < 2000	A36 L < 2000	A43 L > 5000					B13 L < 2000			B63 L < 2000								
48	A68 L > 5000	A69 L 2000-5000	A36 L < 2000	A43 L > 5000					B13 L 2000-5000			B63 L 2000-5000								
58	A68 L 2000-5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
186	A68 L 2000-5000			A43 L > 5000					B13 L 2000-5000											
227	A68 L > 5000	A69 L 2000-5000		A43 L > 5000					B13 L 2000-5000											
267	A68 L < 2000			A43 L 2000-5000							B62 L < 2000								B35 L 2000-5000	
Number reporting Sepcificity	8 < 2000	6 < 2000	2 < 2000	8 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	6 < 2000	0 < 2000	1 < 2000	2 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	1 < 2000	0 < 2000
Total number of participants	8 1	8 2	8 2	8 0	8 0	8 0	8 0	8 0	8 1	8 0	8 1	8 1	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	4	4	0	1	0	0	0	0	5	0	0	1	0	0	0	0	0	0	1	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	3	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

UKNEQAS for HISTOCOMPATIBILITY and IMMUNOGENETICS
UNITED KINGDOM EXTERNAL QUALITY ASSESSMENT SERVICE

UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION RESUTLS BY LUMINEX KIT(S) USED

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 301/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	B60	B61	B48	B53	B71	B72	B78	Cw1	Cw2	Cw5	Cw12	Cw15
Consensus	Not Assessed	Absent	Not Assessed	Absent	Absent	Absent	Absent	Not Assessed	Absent	Absent	Not Assessed	Not Assessed
% reported	5.5%	1.4%	5.5%	2.7%	4.1%	1.4%	1.4%	65.8%	4.1%	1.4%	69.9%	56.2%

Number of Sepcifcities Present: 13
Number of Specificites Absent: 19
Number of Specifcies Not Assessed: 15

HLA specificities from One Lambda kit users only

	B60	B61	B48	B53	B71	B72	B78	Cw1	Cw2	Cw5	Cw12	Cw15
Consensus	Not Assessed	Absent			Not Assessed		Absent	Present		Absent	Not Assessed	Not Assessed
% reported	7.5%	1.9%	0.0%	0.0%	5.7%	0.0%	1.9%	83.0%	0.0%	1.9%	73.6%	73.6%

Number of Sepcifcities Present: 14
Number of Specificites Absent: 9
Number of Specifcies Not Assessed: 14

Lab no.	B60 spec	B60 tech	B60 MFI	B61 spec	B61 tech	B61 MFI	B48 spec	B48 tech	B48 MFI	B53 spec	B53 tech	B53 MFI	B71 spec	B71 tech	B71 MFI	B72 spec	B72 tech	B72 MFI	B78 spec	B78 tech	B78 MFI	Cw1 spec	Cw1 tech	Cw1 MFI	Cw2 spec	Cw2 tech	Cw2 MFI	Cw5 spec	Cw5 tech	Cw5 MFI	Cw12 spec	Cw12 tech	Cw12 MFI	Cw15 spec	Cw15 tech	Cw15 MFI
9	B60	L	< 2000																			Cw1	L	2000-5000							Cw12	L	2000-5000	Cw15	L	2000-5000
11																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
12													B71	L	< 2000							Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	2000-5000
14																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
15																																				
19																																				
20																						Cw1	L	< 2000							Cw12	L	< 2000	Cw15	L	< 2000
23																						Cw1	L	< 2000												
26																																				
28													B71	L	< 2000							Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
35																						Cw1	L								Cw12	L		Cw15	L	
38																						Cw1	L	2000-5000							Cw12	L	2000-5000	Cw15	L	2000-5000
39																						Cw1	L	2000-5000							Cw12	L	2000-5000	Cw15	L	2000-5000
41																						Cw1	L	2000-5000							Cw12	L	2000-5000	Cw15	L	2000-5000
42																						Cw1	L	< 2000							Cw12	L	< 2000	Cw15	L	< 2000
45																						Cw1	L													
51																																				
54																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
62																						Cw1	L	2000-5000												
114																						Cw1	L	2000-5000							Cw12	L	2000-5000	Cw15	L	2000-5000
116																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
117																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
119																						Cw1	L	2000-5000							Cw12	L	2000-5000	Cw15	L	2000-5000
120																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
136																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
139																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
142																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	2000-5000
145																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
147																						Cw1	L	2000-5000							Cw12	L	2000-5000	Cw15	L	2000-5000
157	B60	L	< 2000																			Cw1	L	> 5000							Cw12	L	2000-5000	Cw15	L	2000-5000
159																						Cw1	L	2000-5000												
162																						Cw1	L	2000-5000							Cw12	L	2000-5000	Cw15	L	2000-5000
164																						Cw1	L	> 5000							Cw12	L	> 5000	Cw15	L	> 5000
165																															Cw12	F+L	< 2000	Cw15	L	< 2000
169																																				
181																						Cw1	L	< 2000							Cw12	L	< 2000	Cw15	L	< 2000
190																						Cw1	L	2000-5000							Cw12	L	2000-5000	Cw15	L	2000-5000
193																						Cw1	L	2000-5000												
194																						Cw1	L	> 5000							Cw12	L	> 5000	Cw15	L	2000-5000
195																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
204																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
206																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
209	B60	L	< 2000																			Cw1	L	2000-5000							Cw12	L	2000-5000	Cw15	L	< 2000
216																																				
232																						Cw1	L	< 2000												
235																																				
243	B60	L	< 2000	B61	L	< 2000							B71	L	< 2000							Cw1	L	> 5000							Cw12	L	> 5000	Cw15	L	> 5000
245																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
271																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
277																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
284																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
293																			B78	L	2000-5000							Cw5	L	> 5000						
303																						Cw1	L	2000-5000							Cw12	L	2000-5000	Cw15	L	2000-5000
Number reporting Sepcificity	4	< 2000		1	< 2000		0	< 2000		0	< 2000		3	< 2000		0	< 2000		1	< 2000		44	< 2000		0	< 2000		1	< 2000		39	< 2000		39	< 2000	
Total number of participants	53	3		53	1		53	0		53	0		53	3		53	0		53	0		53	5		53	0		53	0		53	22		53	21	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			0			0			0			0			0			1			31			0			0			11			13		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			0			0			4			0			1			3			2		

HLA specificities from Lifecodes kit users only

	B60	B61	B48	B53	B71	B72	B78	Cw1	Cw2	Cw5	Cw12	Cw15
Consensus			Not Assessed	Not Assessed		Not Assessed			Not Assessed		Present	
% reported	0.0%	0.0%	30.0%	10.0%	0.0%	10.0%	0.0%	0.0%	20.0%	0.0%	80.0%	0.0%

Number of Sepcifcities Present: 9
Number of Specificites Absent: 0
Number of Specifcies Not Assessed: 20

Lab no.	B60 spec	B60 tech	B60 MFI	B61 spec	B61 tech	B61 MFI	B48 spec	B48 tech	B48 MFI	B53 spec	B53 tech	B53 MFI	B71 spec	B71 tech	B71 MFI	B72 spec	B72 tech	B72 MFI	B78 spec	B78 tech	B78 MFI	Cw1 spec	Cw1 tech	Cw1 MFI	Cw2 spec	Cw2 tech	Cw2 MFI	Cw5 spec	Cw5 tech	Cw5 MFI	Cw12 spec	Cw12 tech	Cw12 MFI	Cw15 spec	Cw15 tech	Cw15 MFI
29							B48	L	< 2000	B53	L	< 2000				B72	L	< 2000							Cw2	L	< 2000				Cw12	L	2000-5000			
112							B48	L	< 2000																						Cw12	L	2000-5000			
149																															Cw12	L	< 2000			
185																																				
218																																				
229																															Cw12	L	2000-5000			
238																															Cw12	L	2000-5000			
262							B48	L	< 2000																						Cw12	L	2000-5000			
268																															Cw12	L	2000-5000			
297																									Cw2	L	< 2000				Cw12	L	< 2000			
Number reporting Sepcificity	0	< 2000		0	< 2000		3	< 2000		1	< 2000		0	< 2000		1	< 2000		0	< 2000		0	< 2000		2	< 2000		0	< 2000		8	< 2000		0	< 2000	
Total number of participants	10	0		10	0		10	3		10	1		10	0		10	1		10	0		10	0		10	2		10	0		10	2		10	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			0			0			0			0			0			0			0			0			0			6			0		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			0			0			0			0			0			0			0		

HLA specificities from users of both LABScreen & Lifecodes kits

	B60	B61	B48	B53	B71	B72	B78	Cw1	Cw2	Cw5	Cw12	Cw15
Consensus			Not Assessed	Not Assessed				Not Assessed	Not Assessed		Not Assessed	Not Assessed
% reported	0.0%	0.0%	12.5%	12.5%	0.0%	0.0%	0.0%	50.0%	12.5%	0.0%	50.0%	25.0%

Number of Sepcifcities Present: 13
Number of Specificites Absent: 0
Number of Specifcies Not Assessed: 14

Lab no.	B60 spec	B60 tech	B60 MFI	B61 spec	B61 tech	B61 MFI	B48 spec	B48 tech	B48 MFI	B53 spec	B53 tech	B53 MFI	B71 spec	B71 tech	B71 MFI	B72 spec	B72 tech	B72 MFI	B78 spec	B78 tech	B78 MFI	Cw1 spec	Cw1 tech	Cw1 MFI	Cw2 spec	Cw2 tech	Cw2 MFI	Cw5 spec	Cw5 tech	Cw5 MFI	Cw12 spec	Cw12 tech	Cw12 MFI	Cw15 spec	Cw15 tech	Cw15 MFI
24																						Cw1	L	2000-5000							Cw12	L	< 2000	Cw15	L	< 2000
25																															Cw12	L	< 2000			
34																						Cw1	L	< 2000												
48																						Cw1	L	2000-5000							Cw12	L	2000-5000	Cw15	L	2000-5000
58																						Cw1	L	2000-5000												
186																																				
227																																				
267							B48	L	< 2000	B53	L	< 2000													Cw2	L	< 2000				Cw12	L	2000-5000			
Number reporting Sepcificity	0	< 2000		0	< 2000		1	< 2000		1	< 2000		0	< 2000		0	< 2000		0	< 2000		4	< 2000		1	< 2000		0	< 2000		4	< 2000		2	< 2000	
Total number of participants	8	0		8	0		8	1		8	1		8	0		8	0		8	0		8	1		8	1		8	0		8	2		8	1	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			0			0			0			0			0			0			3			0			0			2			1		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			0			0			0			0			0			0			0		

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UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION **RESUTLS BY LUMINEX KIT(S) USED**

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 302/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	A1	A3	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33	A74	A68	A69
Consensus	Present	Present	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed
% reported	78.1%	75.3%	9.6%	67.1%	49.3%	61.6%	42.5%	47.9%	60.3%	97.3%	41.1%	30.1%	23.3%	50.7%	32.9%	34.2%	12.3%	6.8%

HLA specificities from One Lambda kit users only

	A1	A3	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33	A74	A68	A69
Consensus	Present	Present	Not Assessed	Present	Not Assessed	Present	Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed
% reported	90.6%	86.8%	7.5%	75.5%	49.1%	75.5%	50.9%	60.4%	73.6%	100.0%	50.9%	37.7%	30.2%	64.2%	43.4%	45.3%	17.0%	9.4%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
9	A1 L 2000-5000	A3 L 2000-5000	A23 L < 2000	A24 L 2000-5000	A2403 L 2000-5000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000	A30 L < 2000	A31 L < 2000	A32 L < 2000	A33 L < 2000	A74 L < 2000	A68 L < 2000	A69 L < 2000
11	A1 L 2000-5000	A3 L < 2000			A2403 L < 2000	A25 L < 2000		A34 L < 2000	A66 L < 2000	A11 L > 5000				A32 L < 2000				
12	A1 L 2000-5000	A3 L 2000-5000	A23 L < 2000	A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000	A30 L < 2000	A31 L < 2000	A32 L < 2000	A33 L < 2000	A74 L < 2000	A68 L < 2000	A69 L < 2000
14	A1 L 2000-5000	A3 L 2000-5000		A24 L < 2000		A25 L 2000-5000	A26 L < 2000	A34 L < 2000	A66 L 2000-5000	A11 L > 5000	A29 L < 2000	A30 L < 2000		A32 L < 2000	A33 L < 2000	A74 L < 2000		
15	A1 L < 2000	A3 L < 2000		A24 L < 2000		A25 L < 2000		A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A32 L < 2000				
19	A1 L < 2000	A3 L < 2000		A24 L < 2000	A2403 L < 2000	A25 L < 2000			A66 L < 2000	A11 L 2000-5000	A29 L < 2000							
20	A1 L < 2000	A3 L < 2000		A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000	A30 L < 2000		A32 L < 2000	A33 L < 2000	A74 L < 2000		
23	A1 L 2000-5000	A3 L 2000-5000		A24 L 2000-5000	A2403 L 2000-5000	A25 L 2000-5000	A26 L < 2000	A34 L < 2000	A66 L 2000-5000	A11 L > 5000	A29 L < 2000	A30 L < 2000	A31 L < 2000	A32 L < 2000	A33 L < 2000	A74 L < 2000		
26	A1 L < 2000	A3 L < 2000		A24 L < 2000	A2403 L < 2000					A11 L 2000-5000								
28	A1 L 2000-5000	A3 L 2000-5000	A23 L < 2000	A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000	A30 L < 2000	A31 L < 2000	A32 L < 2000	A33 L < 2000	A74 L < 2000	A68 L < 2000	
35	A1 L	A3 L		A24 L	A2403 L	A25 L	A26 L	A34 L	A66 L	A11 L	A29 L	A30 L	A31 L	A32 L	A33 L	A74 L		
38	A1 L 2000-5000	A3 L < 2000				A25 L < 2000		A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000			A32 L < 2000				
39	A1 L 2000-5000	A3 L 2000-5000		A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L 2000-5000	A11 L > 5000	A29 L < 2000	A30 L < 2000	A31 L	A32 L < 2000	A33 L < 2000	A74 L < 2000		
41	A1 L 2000-5000	A3 L 2000-5000		A24 L 2000-5000	A2403 L 2000-5000	A25 L 2000-5000		A34 L 2000-5000	A66 L 2000-5000	A11 L > 5000								
42	A1 L < 2000	A3 L < 2000		A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000	A30 L < 2000	A31 L < 2000	A32 L < 2000	A33 L < 2000	A74 L < 2000	A68 L < 2000	A69 L < 2000
45	A1 L	A3 L	A23 L	A24 L	A2403 L					A11 L								
51	A1 L < 2000	A3 L < 2000								A11 L 2000-5000								
54	A1 L 2000-5000	A3 L < 2000		A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000	A30 L < 2000	A31 L < 2000	A32 L < 2000	A33 L < 2000	A74 L < 2000		
62										A11 L 2000-5000								
114	A1 L 2000-5000	A3 L < 2000		A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000			A32 L < 2000		A74 L < 2000		
116	A1 L < 2000	A3 L < 2000		A24 L < 2000	A2403 L < 2000	A25 L < 2000			A66 L < 2000	A11 L > 5000								
117	A1 L < 2000	A3 L < 2000		A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000	A30 L < 2000		A32 L < 2000	A33 L < 2000	A74 L < 2000		
119	A1 L 2000-5000	A3 L 2000-5000		A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000				A32 L < 2000	A33 L < 2000	A74 L < 2000		
120	A1 L 2000-5000	A3 L < 2000		A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000	A30 L < 2000	A31 L < 2000	A32 L < 2000	A33 L < 2000	A74 L < 2000		
136	A1 L 2000-5000	A3 L < 2000		A24 L < 2000	A2403 L < 2000	A25 L < 2000			A66 L < 2000	A11 L > 5000				A32 L < 2000				
139	A1 L 2000-5000	A3 L < 2000		A24 L < 2000		A25 L < 2000				A11 L > 5000				A32 L < 2000				
142	A1 L 2000-5000	A3 L < 2000		A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000			A32 L < 2000				
145	A1 L 2000-5000	A3 L < 2000		A24 L < 2000	A2403 L < 2000	A25 L < 2000		A34 L < 2000	A66 L < 2000	A11 L > 5000				A32 L < 2000				
147	A1 L 2000-5000	A3 L 2000-5000		A24 L < 2000	A2403 L < 2000	A25 L < 2000			A66 L < 2000	A11 L > 5000				A32 L < 2000				
157	A1 L > 5000	A3 L 2000-5000		A24 L 2000-5000	A2403 L 2000-5000	A25 L 2000-5000	A26 L 2000-5000	A34 L 2000-5000	A66 L 2000-5000	A11 L > 5000	A29 L 2000-5000	A30 L < 2000	A31 L < 2000	A32 L 2000-5000	A33 L 2000-5000	A74 L 2000-5000	A68 L < 2000	A69 L < 2000
159	A1 L < 2000	A3 L < 2000								A11 L 2000-5000								
162	A1 L > 5000	A3 L > 5000		A24 L 2000-5000	A2403 L 2000-5000	A25 L 2000-5000	A26 L 2000-5000	A34 L 2000-5000	A66 L 2000-5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000	A32 L 2000-5000	A33 L 2000-5000	A74 L 2000-5000	A68 L 2000-5000	A69 L < 2000
164	A1 L > 5000	A3 L > 5000		A24 L > 5000		A25 L 2000-5000	A26 L 2000-5000	A34 L 2000-5000	A66 L 2000-5000	A11 L > 5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000	A32 L 2000-5000	A33 L 2000-5000	A74 L 2000-5000	A68 L 2000-5000	
165	A1 F+L 2000-5000	A3 F+L < 2000		A24 F+L < 2000		A25 F+L < 2000	A26 F	A34 F+L < 2000	A66 F+L < 2000	A11 F+L > 5000	A29 F+L < 2000			A32 F+L < 2000				
169	A1 L < 2000									A11 L 2000-5000								
181	A1 L < 2000	A3 L < 2000		A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A32 L < 2000	A33 L < 2000	A74 L < 2000		
190	A1 L 2000-5000	A3 L 2000-5000		A24 L 2000-5000	A2403 L 2000-5000	A25 L 2000-5000	A26 L < 2000	A34 L < 2000	A66 L 2000-5000	A11 L > 5000	A29 L < 2000	A30 L < 2000	A31 L < 2000	A32 L 2000-5000	A33 L < 2000	A74 L < 2000	A68 L < 2000	
193	A1 L 2000-5000									A11 L > 5000								
194	A1 L 2000-5000	A3 L < 2000		A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000	A30 L < 2000	A31 L < 2000	A32 L < 2000	A33 L < 2000	A74 L < 2000	A68 L < 2000	
195	A1 L < 2000	A3 L < 2000		A24 L < 2000		A25 L < 2000			A66 L < 2000	A11 L > 5000								
204	A1 L 2000-5000	A3 L 2000-5000		A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000	A30 L < 2000		A32 L < 2000	A33 L < 2000	A74 L < 2000		
206	A1 L < 2000	A3 L < 2000								A11 L 2000-5000								
209	A1 L 2000-5000	A3 L < 2000		A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000	A30 L < 2000	A31 L < 2000	A32 L < 2000	A33 L < 2000	A74 L < 2000		
216										A11 L 2000-5000								
232	A1 L < 2000	A3 L < 2000		A24 L < 2000		A25 L < 2000			A66 L < 2000	A11 L 2000-5000								
235										A11 L								
243	A1 L 2000-5000	A3 L 2000-5000		A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000				A32 L < 2000	A33 L < 2000	A74 L < 2000		
245	A1 L 2000-5000	A3 L < 2000		A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000				A32 L < 2000				
271										A11 L > 5000								
277	A1 L 2000-5000	A3 L < 2000		A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L > 5000	A29 L < 2000	A30 L < 2000	A31 L < 2000	A32 L < 2000	A33 L < 2000	A74 L < 2000		
284	A1 L < 2000	A3 L < 2000		A24 L < 2000	A2403 L < 2000	A25 L < 2000			A66 L < 2000	A11 L 2000-5000								
293										A11 L < 2000								
303	A1 L 2000-5000	A3 L < 2000								A11 L > 5000								
Number reporting Sepcificity	48 < 2000	46 < 2000	4 < 2000	40 < 2000	26 < 2000	40 < 2000	27 < 2000	32 < 2000	39 < 2000	53 < 2000	27 < 2000	20 < 2000	16 < 2000	34 < 2000	23 < 2000	24 < 2000	9 < 2000	5 < 2000
Total number of participants	53 15	53 28	53 2	53 31	53 17	53 30	53 20	53 25	53 28	53 1	53 22	53 16	53 11	53 27	53 18	53 19	53 6	53 4
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	26	12	0	5	5	7	3	4	8	14	3	2	2	4	3	3	2	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	3	2	0	1	0	0	0	0	0	33	0	0	0	0	0	0	0	0

HLA specificities from Lifecodes kit users only

	A1	A3	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33	A74	A68	A69
Consensus	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed	Not Assessed		Not Assessed				
% reported	10.0%	20.0%	20.0%	30.0%	50.0%	10.0%	10.0%	10.0%	10.0%	90.0%	10.0%	10.0%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
29	A1 L < 2000	A3 L < 2000	A23 L < 2000	A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L < 2000	A29 L < 2000	A30 L < 2000		A32 L < 2000				
112					A2403 L < 2000					A11 L 2000-5000								
149				A24 L < 2000	A2403 L < 2000					A11 L < 2000								
185										A11 L < 2000								
218		A3 L < 2000	A23 L < 2000	A24 L < 2000	A2403 L < 2000					A11 L < 2000								
229										A11 L < 2000								
238					A2403 L < 2000					A11 L < 2000								
262																		
268										A11 L 2000-5000								
297										A11 L < 2000								
Number reporting Sepcificity	1 < 2000	2 < 2000	2 < 2000	3 < 2000	5 < 2000	1 < 2000	1 < 2000	1 < 2000	1 < 2000	9 < 2000	1 < 2000	1 < 2000	0 < 2000	1 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000
Total number of participants	10 1	10 2	10 2	10 3	10 5	10 1	10 1	10 1	10 1	10 7	10 1	10 1	10 0	10 1	10 0	10 0	10 0	10 0
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

HLA specificities from users of both LABScreen & Lifecodes kits

	A1	A3	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33	A74	A68	A69
Consensus	Present	Present	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed		
% reported	87.5%	75.0%	12.5%	62.5%	62.5%	37.5%	25.0%	25.0%	37.5%	100.0%	25.0%	12.5%	12.5%	25.0%	12.5%	12.5%	0.0%	0.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
24	A1 L < 2000	A3 L < 2000		A24 L < 2000	A2403 L < 2000	A25 L < 2000			A66 L < 2000	A11 L 2000-5000								
25	A1 L 2000-5000	A3 L < 2000				A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000				A32 L < 2000				
34	A1 L < 2000	A3 L < 2000		A24 L < 2000	A2403 L < 2000					A11 L 2000-5000								
48	A1 L 2000-5000	A3 L 2000-5000		A24 L 2000-5000	A2403 L 2000-5000	A25 L 2000-5000	A26 L 2000-5000	A34 L 2000-5000	A66 L 2000-5000	A11 L 2000-5000	A29 L 2000-5000	A30 L 2000-5000	A31 L 2000-5000	A32 L 2000-5000	A33 L 2000-5000	A74 L 2000-5000		
58	A1 L < 2000	A3 L < 2000		A24 L < 2000	A2403 L < 2000					A11 L 2000-5000								
186	A1 L < 2000									A11 L 2000-5000								
227	A1 L 2000-5000	A3 L < 2000								A11 L > 5000								
267			A23 L < 2000	A24 L < 2000	A2403 L 2000-5000					A11 L < 2000	A29 L < 2000							
Number reporting Sepcificity	7 < 2000	6 < 2000	1 < 2000	5 < 2000	5 < 2000	3 < 2000	2 < 2000	2 < 2000	3 < 2000	8 < 2000	2 < 2000	1 < 2000	1 < 2000	2 < 2000	1 < 2000	1 < 2000	0 < 2000	0 < 2000
Total number of participants	8 4	8 5	8 1	8 4	8 3	8 2	8 1	8 1	8 2	8 1	8 1	8 0	8 0	8 1	8 0	8 0	8 0	8 0
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	3	1	0	1	2	1	1	1	1	5	1	1	1	1	1	1	0	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0

UKNEQAS for HISTOCOMPATIBILITY and IMMUNOGENETICS
UNITED KINGDOM EXTERNAL QUALITY ASSESSMENT SERVICE

UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION **RESUTLS BY LUMINEX KIT(S) USED**

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 302/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	A36	A43	A80	B51	B5102	B5103	B7	B18	B35	B37	B60	B61	B42	B53	B78	B82	Cw7
Consensus	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Absent	Absent	Absent	Not Assessed	Not Assessed	Absent	Absent	Not Assessed	Not Assessed	Absent	Absent	Absent
% reported	74.0%	72.6%	56.2%	16.4%	12.3%	1.4%	1.4%	4.1%	58.9%	32.9%	1.4%	2.7%	5.5%	21.9%	1.4%	1.4%	1.4%

Number of Sepcifcities Present: 3
Number of Specificites Absent: 8
Number of Specifcies Not Assessed: 24

HLA specificities from One Lambda kit users only

	A36	A43	A80	B51	B5102	B5103	B7	B18	B35	B37	B60	B61	B42	B53	B78	B82	Cw7
Consensus	Present	Present	Not Assessed	Not Assessed	Not Assessed	Absent			Not Assessed	Not Assessed				Not Assessed	Absent		
% reported	86.8%	86.8%	71.7%	22.6%	15.1%	1.9%	0.0%	0.0%	60.4%	32.1%	0.0%	0.0%	0.0%	18.9%	1.9%	0.0%	0.0%

Number of Sepcifcities Present: 7
Number of Specificites Absent: 2
Number of Specifcies Not Assessed: 19

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	A36	L	> 5000	A43	L	> 5000	A80	L	< 2000	B51	L	< 2000	B5102	L	< 2000										B35	L	< 2000	B37	L	< 2000										B53	L	< 2000			
11	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																																				
12	A36	L	2000-5000	A43	L	< 2000	A80	L	< 2000	B51	L	< 2000	B5102	L	< 2000										B35	L	< 2000	B37	L	2000-5000										B53	L	< 2000			
14	A36	L	2000-5000	A43	L	2000-5000	A80	L	< 2000																B35	L	< 2000	B37	L	2000-5000														
15	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000	B37	L	> 5000														
19	A36	L	< 2000	A43	L	< 2000																						B37	L	> 5000														
20	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000							B5103	L	< 2000							B35	L	< 2000																	
23	A36	L	2000-5000	A43	L	2000-5000	A80	L	2000-5000																B35	L	2000-5000																	
26	A36	L	< 2000	A43	L	< 2000																						B37	L	< 2000														
28	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000				B5102	L	< 2000										B35	L	< 2000	B37	L	2000-5000										B53	L	< 2000			
35	A36	L		A43	L		A80	L		B51	L														B35	L														B53	L				
38	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																			B37	L	2000-5000														
39	A36	L	2000-5000	A43	L	2000-5000	A80	L	2000-5000	B51	L	< 2000													B35	L	< 2000													B53	L	< 2000			
41	A36	L	2000-5000	A43	L	2000-5000																																							
42	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000	B37	L	< 2000														
45	A36	L		A43	L																							B37	L															
51	A36	L	< 2000	A43	L	< 2000																																							
54	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000				B5102	L	< 2000										B35	L	< 2000																	
62																																													
114	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000																	
116	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																																				
117	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000	B51	E+L		B5102	L	< 2000										B35	L	< 2000	B37	L	< 2000														
119	A36	L	2000-5000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000																	
120	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000	B51	L	< 2000													B35	L	< 2000	B37	L	< 2000										B53	L	< 2000			
136	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000																	
139	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000																	
142	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000																	
145	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000																	
147	A36	L	2000-5000	A43	L	2000-5000	A80	L	< 2000																B35	L	< 2000																	
157	A36	L	2000-5000	A43	L	2000-5000	A80	L	2000-5000	B51	L	< 2000	B5102	L	2000-5000										B35	L	2000-5000	B37	L	< 2000										B53	L	< 2000			
159	A36	L	< 2000	A43	L	< 2000																																							
162	A36	L	> 5000	A43	L	2000-5000	A80	L	2000-5000	B51	L	2000-5000	B5102	L	2000-5000										B35	L	2000-5000													B53	L	2000-5000	B78	L	< 2000
164	A36	L	> 5000	A43	L	2000-5000	A80	L	2000-5000	B51	L	2000-5000													B35	L	2000-5000	B37	L	2000-5000														
165	A36	F+L	< 2000	A43	F+L	< 2000	A80	F+L	< 2000																B35	F																		
169																																													
181	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000	B37	L	2000-5000														
190	A36	L	2000-5000	A43	L	2000-5000	A80	L	2000-5000				B5102	L	< 2000										B35	L	< 2000	B37	L	< 2000														
193																																													
194	A36	L	< 2000	A43	L	2000-5000	A80	L	2000-5000	B51	L	< 2000													B35	L	< 2000													B53	L	< 2000			
195	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000																	
204	A36	L	2000-5000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000																	
206	A36	L	< 2000	A43	L	< 2000																						B37	L	2000-5000														
209	A36	L	< 2000	A43	L	2000-5000	A80	L	< 2000	B51	L	< 2000													B35	L	< 2000													B53	L	< 2000			
216																																													
232	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																																				
235																																													
243	A36	L	2000-5000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000																	
245	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																																				
271																																													
277	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000	B51	L	< 2000													B35	L	< 2000																	
284	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																																				
293																																													
303	A36	L	< 2000	A43	L	< 2000																																							
Number reporting Sepcificity	46		< 2000	46		< 2000	38		< 2000	12		< 2000	8		< 2000	1		< 2000	0		< 2000	0		< 2000	32		< 2000	17		< 2000	0		< 2000	0		< 2000	0		< 2000	10		< 2000	1		< 2000	0		< 2000	0		< 2000
Total number of participants	53		29	53		31	53		28	53		7	53		5	53		1	53		0	53		0	53		25	53		6	53		0	53		0	53		0	53		7	53		1	53		0	53		0
			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000
			11			11			7			2			2			0			0			0			4			7			0			0			0			1			0			0			0
			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000
			2			0			0			0			0			0			0			0			0			2			0			0			0			0			0			0			0

HLA specificities from Lifecodes kit users only

	A36	A43	A80	B51	B5102	B5103	B7	B18	B35	B37	B60	B61	B42	B53	B78	B82	Cw7
Consensus	Not Assessed	Not Assessed	Not Assessed					Not Assessed	Present	Not Assessed		Not Assessed	Not Assessed	Not Assessed		Not Assessed	Not Assessed
% reported	10.0%	10.0%	10.0%	0.0%	0.0%	0.0%	0.0%	20.0%	80.0%	40.0%	0.0%	10.0%	30.0%	40.0%	0.0%	10.0%	10.0%

Number of Sepcifcities Present: 2
Number of Specificites Absent: 0
Number of Specifcies Not Assessed: 22

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000										B18	L	< 2000	B35	L	< 2000	B37	L	< 2000				B61	L	< 2000	B42	L	< 2000	B53	L	< 2000				B82	L	< 2000			
112																			B18	L	< 2000	B35	L	< 2000	B37	L	< 2000							B42	L	< 2000	B53	L	< 2000									
149																						B35	L	< 2000																								
185																																																
218																						B35	L	< 2000	B37	L	< 2000																			Cw7	L	< 2000
229																																																
238																						B35	L	< 2000													B53	L	< 2000									
262																						B35	L	< 2000										B42	L	< 2000												
268																						B35	L	2000-5000																								
297																						B35	L	< 2000	B37	L	< 2000										B53	L	< 2000									
Number reporting Sepcificity	1		< 2000	1		< 2000	1		< 2000	0		< 2000	0		< 2000	0		< 2000	0		< 2000	2		< 2000	8		< 2000	4		< 2000	0		< 2000	1		< 2000	3		< 2000	4		< 2000	0		< 2000	1		< 2000	1		< 2000
Total number of participants	10		1	10		1	10		1	10		0	10		0	10		0	10		0	10		2	10		7	10		4	10		0	10		1	10		3	10		4	10		0	10		1	10		1
			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000
			0			0			0			0			0			0			0			0			1			0			0			0			0			0			0			0			0
			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000
			0			0			0			0			0			0			0			0			0			0			0			0			0			0			0			0			0

HLA specificities from users of both LABScreen & Lifecodes kits

	A36	A43	A80	B51	B5102	B5103	B7	B18	B35	B37	B60	B61	B42	B53	B78	B82	Cw7
Consensus	Present	Present	Not Assessed		Not Assessed		Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed			
% reported	75.0%	75.0%	25.0%	0.0%	12.5%	0.0%	12.5%	12.5%	37.5%	37.5%	12.5%	12.5%	12.5%	25.0%	0.0%	0.0%	0.0%

Number of Sepcifcities Present: 5
Number of Specificites Absent: 0
Number of Specifcies Not Assessed: 23

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24	A36	L	< 2000	A43	L	< 2000																																				
25	A36	L	< 2000	A43	L	< 2000	A80	L	< 2000																B35	L	< 2000	B37	L	2000-5000												
34	A36	L	< 2000	A43	L	< 2000																						B37	L	< 2000												
48	A36	L	2000-5000	A43	L	2000-5000	A80	L	2000-5000				B5102	L	2000-5000										B35	L	2000-5000													B53	L	< 2000			
58	A36	L	< 2000	A43	L	< 2000																																				
186																																										
227	A36	L	< 2000	A43	L	< 2000																																				
267																			B7	L	< 2000	B18	L	< 2000	B35	L	2000-5000	B37	L	< 2000	B60	L	< 2000	B61	L	< 2000	B42	L	< 2000	B53	L	< 2000
Number reporting Sepcificity	6		< 2000	6		< 2000	2		< 2000	0		< 2000	1		< 2000	0		< 2000	1		< 2000	1		< 2000	3		< 2000	3		< 2000	1		< 2000	1		< 2000	1		< 2000	2		< 2000	0		< 2000	0		< 2000	0		< 2000
Total number of participants	8		5	8		5	8		1	8		0	8		0	8		0	8		1	8		1	8		1	8		2	8		1	8		1	8		1	8		2	8		0	8		0	8		0
			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000
			1			1			1			0			1			0			0			0			2			1			0			0			0			0			0			0			0
			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000
			0			0			0			0			0			0			0			0			0			0			0			0			0			0			0			0			0

UK NEQAS for HISTOCOMPATIBILITY and IMMUNOGENETICS
UNITED KINGDOM EXTERNAL QUALITY ASSESSMENT SERVICE

UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION **RESUTLS BY LUMINEX KIT(S) USED**

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 303/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	A1	A3	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33
Consensus	Present	Present	Present	Present	Not Assessed	Present	Not Assessed	Not Assessed	Present	Present	Present	Present	Present	Present	Present
% reported	95.9%	100.0%	86.3%	97.3%	60.3%	76.7%	39.7%	61.6%	80.8%	98.6%	79.5%	87.7%	83.6%	87.7%	75.3%

HLA specificities from One Lambda kit users only

	A1			A3			A23			A24			A2403		
Consensus	Present			Present			Present			Present			Not Assessed		
% reported	100.0%			100.0%			92.5%			100.0%			58.5%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
11	A1	L	> 5000	A3	L	> 5000	A23	L	< 2000	A24	L	> 5000	A2403	L	> 5000
12	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
14	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000			
15	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
19	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
20	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
23	A1	L	> 5000	A3	L	> 5000	A23	L	< 2000	A24	L	> 5000	A2403	L	> 5000
26	A1	L	> 5000	A3	L	> 5000	A23	L	< 2000	A24	L	> 5000	A2403	L	> 5000
28	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
35	A1	L		A3	L		A23	L		A24	L		A2403	L	
38	A1	L	> 5000	A3	L	> 5000	A23	L	< 2000	A24	L	> 5000	A2403	L	> 5000
39	A1	L	> 5000	A3	L	> 5000	A23	L	> 5000	A24	L	> 5000			
41	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
42	A1	C+L	> 5000	A3	C+L	> 5000	A23	L	< 2000	A24	L	> 5000	A2403	L	> 5000
45	A1	L		A3	L		A23	L		A24	L		A2403	L	
51	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
54	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
62	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
114	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
116	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
117	A1	E+L	> 5000	A3	E+L	> 5000	A23	L	2000-5000	A24	E+L	> 5000	A2403	L	> 5000
119	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
120	A1	L	> 5000	A3	L	> 5000	A23	L	< 2000	A24	L	> 5000			
136	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
139	A1	L	> 5000	A3	C+L	> 5000	A23	L	2000-5000	A24	L	> 5000			
142	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000			
145	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
147	A1	L	> 5000	A3	C+L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
157	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
159	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000			
162	A1	L	> 5000	A3	C+L	> 5000	A23	L	< 2000	A24	L	> 5000	A2403	L	> 5000
164	A1	L	> 5000	A3	L	> 5000	A23	L	> 5000	A24	L	> 5000			
165	A1	C+F+E+L	> 5000	A3	C+F+E+L	> 5000	A23	F+L	2000-5000	A24	F+E+L	> 5000			
169	A1	L	> 5000	A3	L	> 5000				A24	L	> 5000			
181	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000			
190	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
193	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
194	A1	C+L	> 5000	A3	C+L	> 5000	A23	L	2000-5000	A24	L	> 5000			
195	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000			
204	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
206	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000			
209	A1	L	> 5000	A3	C+L	> 5000	A23	L	2000-5000	A24	L	> 5000			
216	A1	L	> 5000	A3	L	> 5000				A24	L	> 5000			
232	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000			
235	A1	L		A3	L					A24	L				
243	A1	L	> 5000	A3	L	> 5000	A23	L	> 5000	A24	L	> 5000			
245	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
271	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000			
277	A1	L	> 5000	A3	L	> 5000	A23	L	< 2000	A24	L	> 5000			
284	A1	L	> 5000	A3	C+L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
293	A1	L	> 5000	A3	L	> 5000				A24	L	> 5000			
303	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000			
Number reporting Sepcificity	53	< 2000		53	< 2000		49	< 2000		53	< 2000		31	< 2000	
Total number of participants	53	0		53	0		53	7		53	0		53	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			0			35			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000	
		48			48			3			48			27	

	A25			A26			A34			A66			A11		
Consensus	Present			Not Assessed			Present			Present			Present		
% reported	92.5%			45.3%			75.5%			92.5%			100.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	A25	L	2000-5000	A26	L	< 2000	A34	L	< 2000	A66	L	> 5000	A11	L	> 5000
11	A25	L	< 2000							A66	L	2000-5000	A11	L	> 5000
12	A25	L	2000-5000	A26	L	< 2000	A34	L	< 2000	A66	L	< 2000,> 5000	A11	L	> 5000
14	A25	L	2000-5000				A34	L	2000-5000	A66	L	> 5000	A11	L	> 5000
15	A25	L	2000-5000	A26	L	< 2000	A34	L	2000-5000	A66	L	2000-5000	A11	L	> 5000
19	A25	L	< 2000							A66	L	2000-5000	A11	L	> 5000
20	A25	L	2000-5000	A26	L	< 2000	A34	L	2000-5000	A66	L	> 5000	A11	L	> 5000
23	A25	L	< 2000							A66	L	2000-5000	A11	L	> 5000
26	A25	L	< 2000							A66	L	2000-5000	A11	L	> 5000
28	A25	L	2000-5000	A26	L	< 2000	A34	L	2000-5000	A66	L	< 2000	A11	L	> 5000
35	A25	L		A26	L		A34	L		A66	L		A11	L	
38	A25	L	2000-5000				A34	L	< 2000	A66	L	> 5000	A11	L	> 5000
39	A25	L	> 5000	A26	L	< 2000	A34	L	2000-5000	A66	L	> 5000	A11	L	> 5000
41	A25	L	2000-5000				A34	L	2000-5000	A66	L	> 5000	A11	L	> 5000
42	A25	L	< 2000	A26	L	< 2000	A34	L	< 2000	A66	L	2000-5000	A11	C+L	> 5000
45	A25	L		A26	L		A34	L		A66	L		A11	L	
51	A25	L	2000-5000	A26	L	< 2000	A34	L	< 2000	A66	L	2000-5000	A11	L	> 5000
54	A25	L	2000-5000	A26	L	< 2000	A34	L	< 2000	A66	L	2000-5000	A11	L	> 5000
62	A25	L	2000-5000							A66	L		A11	L	> 5000
114	A25	L	2000-5000	A26	L	< 2000	A34	L	2000-5000	A66	L	> 5000	A11	L	> 5000
116	A25	L	2000-5000				A34	L	< 2000	A66	L	2000-5000	A11	L	> 5000
117	A25	E+L	2000-5000	A26	L	< 2000	A34	E+L	< 2000	A66	L	2000-5000	A11	E+L	> 5000
119	A25	L	2000-5000				A34	L	< 2000	A66	L	> 5000	A11	L	> 5000
120	A25	L	< 2000	A26	L	< 2000	A34	L	< 2000	A66	L	2000-5000	A11	L	> 5000
136	A25	L	2000-5000				A34	L	< 2000	A66	L	2000-5000	A11	L	> 5000
139	A25	L	2000-5000				A34	L	< 2000	A66	L	> 5000	A11	L	> 5000
142	A25	L	2000-5000	A26	L	< 2000	A34	L	2000-5000	A66	L	< 2000,2000-5000	A11	L	> 5000
145	A25	L	< 2000							A66	L	2000-5000	A11	L	> 5000
147	A25	L	2000-5000				A34	L	< 2000	A66	L	> 5000	A11	L	> 5000
157	A25	L	2000-5000	A26	L	2000-5000	A34	L	2000-5000	A66	L	> 5000	A11	L	> 5000
159	A25	L	2000-5000	A26	L	< 2000	A34	L	2000-5000	A66	L	2000-5000	A11	L	> 5000
162	A25	L	2000-5000				A34	L	< 2000	A66	L	> 5000	A11	L	> 5000
164	A25	L											A11	L	> 5000
165	A25	C+F+L	< 2000	A26	F		A34	C+F+L	< 2000	A66	F+L	2000-5000	A11	F+E+L	> 5000
169										A66	L	2000-5000	A11	L	> 5000
181	A25	L	2000-5000	A26	L	< 2000	A34	L	< 2000	A66	L	2000-5000	A11	L	> 5000
190	A25	L	2000-5000	A26	L	< 2000	A34	L	< 2000	A66	L	> 5000	A11	L	> 5000
193	A25	L	2000-5000							A66	L	> 5000	A11	L	> 5000
194	A25	L	2000-5000	A26	L	2000-5000	A34	L	2000-5000	A66	L	> 5000	A11	L	> 5000
195	A25	L	2000-5000				A34	L	< 2000	A66	L	2000-5000	A11	L	> 5000
204	A25	L	2000-5000				A34	L	2000-5000	A66	L	< 2000	A11	L	> 5000
206	A25	L	< 2000							A66	L	2000-5000	A11	L	> 5000
209	A25	L	2000-5000	A26	L	< 2000	A34	L	< 2000	A66	L	2000-5000	A11	L	> 5000
216													A11	L	> 5000
232	A25	L	< 2000							A66	L	2000-5000	A11	L	> 5000
235													A11	L	
243	A25	L	> 5000	A26	L	2000-5000	A34	L	2000-5000	A66	L	> 5000	A11	L	> 5000
245	A25	L	2000-5000	A26	L	< 2000	A34	L	< 2000	A66	L	2000-5000	A11	L	> 5000
271	A25	L	2000-5000				A34	L	< 2000	A66	L	> 5000	A11	L	> 5000
277	A25	L	< 2000				A34	L	< 2000	A66	L	2000-5000	A11	L	> 5000
284	A25	L	< 2000				A34	L	< 2000	A66	L	2000-5000	A11	L	> 5000
293							A34	L	2000-5000				A11	L	> 5000
303	A25	L	2000-5000				A34	L	< 2000	A66	L	> 5000	A11	L	> 5000
Number reporting Sepcificity	49	< 2000		24	< 2000		40	< 2000		49	< 2000		53	< 2000	
Total number of participants	53	11		53	17		53	23		53	2		53	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		31			3			14			23			0	
		> 5000			> 5000			> 5000			> 5000			> 5000	
		2			0			0			18			48	

	A29			A30			A31			A32			A33		
Consensus	Present			Present			Present			Present			Present		
% reported	92.5%			94.3%			96.2%			100.0%			90.6%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
11	A29	L	2000-5000	A30	L	2000-5000	A31	L	2000-5000	A32	L	> 5000	A33	L	< 2000
12	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L		A33	L	2000-5000
14	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
15	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
19	A29	L	< 2000	A30	L	2000-5000	A31	L	2000-5000	A32	L	2000-5000	A33	L	< 2000
20	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
23	A29	L	< 2000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	< 2000
26	A29	L	< 2000	A30	L	2000-5000	A31	L	2000-5000	A32	L	2000-5000	A33	L	< 2000
28	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
35	A29	L		A30	L		A31	L		A32	L		A33	L	
38	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
39	A29	L	> 5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
41	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
42	A29	L	< 2000	A30	L	2000-5000	A31	L	2000-5000	A32	C+L	2000-5000	A33	L	< 2000
45	A29	L		A30	L		A31	L		A32	L		A33	L	
51	A29	L	2000-5000	A30	L	2000-5000	A31	L	2000-5000	A32	L	2000-5000	A33	L	< 2000
54	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	< 2000
62	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
114	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
116	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	< 2000
117	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	E+L	> 5000	A33	L	< 2000
119	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	< 2000,2000-5000
120	A29	L	2000-5000	A30	L	2000-5000	A31	L	2000-5000	A32	L	> 5000	A33	L	< 2000
136	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	< 2000
139	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
142	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
145	A29	L	2000-5000	A30	L	2000-5000,> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	< 2000
147	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
157	A29	L	> 5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
159	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
162	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
164	A29	L	> 5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000			
165	A29	F+L	2000-5000	A30	F+L	> 5000	A31	F+L	2000-5000	A32	C+F+L	> 5000	A33	F+L	< 2000
169				A30	L	2000-5000	A31	L	2000-5000	A32	L	2000-5000			
181	A29	L	2000-5000	A30	L	2000-5000	A31	L	2000-5000	A32	L	> 5000	A33	L	< 2000
190	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
193	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
194	A29	L	> 5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
195	A29	L	2000-5000	A30	L	2000-5000	A31	L	2000-5000	A32	L	> 5000	A33	L	< 2000
204	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	< 2000
206	A29	L	2000-5000	A30	L	2000-5000	A31	L	2000-5000	A32	L	> 5000	A33	L	< 2000
209	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
216										A32	L	> 5000	A33	L	2000-5000
232	A29	L	2000-5000	A30	L	2000-5000	A31	L	2000-5000	A32	L	> 5000			
235										A32	L				
243	A29	L	> 5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000
245	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
271	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	< 2000
277	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	< 2000
284	A29	L	2000-5000	A30	L	2000-5000	A31	L	2000-5000	A32	L	> 5000	A33	L	< 2000
293							A31	L	2000-5000	A32	L	> 5000			
303	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
Number reporting Sepcificity	49	< 2000		50	< 2000		51	< 2000		53	< 2000		48	< 2000	
Total number of participants	53	4		53	0		53	0		53	0		53	19	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		36			11			13			5			23	
		> 5000			> 5000			> 5000			> 5000			> 5000	
		5			35			34			42			1	

HLA specificities from Lifecodes kit users only

	A1			A3			A23			A24			A2403		
Consensus	Present			Present			Not Assessed			Present			Present		
% reported	80.0%			100.0%			60.0%			90.0%			80.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29	A1	L	2000-5000	A3	L	> 5000	A23	L	< 2000	A24	L	> 5000	A2403	L	> 5000
112	A1	L	< 2000	A3	L	> 5000	A23	L	< 2000	A24	L	> 5000	A2403	L	> 5000
149	A1	L	< 2000	A3	L	> 5000	A23	L	< 2000	A24	L	2000-5000	A2403	L	> 5000
185	A1	L	< 2000	A3	L	> 5000				A24	L	< 2000	A2403	L	2000-5000
218	A1	L		A3	L	2000-5000				A24	L	2000-5000	A2403	L	2000-5000
229				A3	L	2000-5000	A23	L	< 2000				A2403	L	2000-5000
238	A1	L	< 2000	A3	L	> 5000	A23	L	< 2000	A24	L	2000-5000	A2403	L	> 5000
262				A3	L	> 5000	A23	L	< 2000	A24	L	> 5000			
268	A1	L	> 5000	A3	L	> 5000				A24	L	> 5000			
297	A1	L	< 2000	A3	L	> 5000				A24	L	2000-5000	A2403	L	2000-5000
Number reporting Sepcificity	8	< 2000		10	< 2000		6	< 2000		9	< 2000		8	< 2000	
Total number of participants	10	5		10	0		10	6		10	1		10	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		1			2			0			4			4	
		> 5000			> 5000			> 5000			> 5000			> 5000	
		1			8			0			4			4	

	A25			A26			A34			A66			A11		
Consensus										Not Assessed			Present		
% reported	0.0%			0.0%			0.0%			20.0%			100.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29										A66	L	< 2000	A11	L	> 5000
112													A11	L	> 5000
149													A11	L	> 5000
185													A11	L	> 5000
218										A66	L	< 2000	A11	L	2000-5000
229													A11	L	2000-5000
238													A11	L	> 5000
262													A11	L	> 5000
268													A11	L	> 5000
297													A11	L	> 5000
Number reporting Sepcificity	0	< 2000		0	< 2000		0	< 2000		2	< 2000		10	< 2000	
Total number of participants	10	0		10	0		10	0		10	2		10	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			0			0			0			2	
		> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			8	

	A29			A30			A31			A32			A33		
Consensus	Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed		
% reported	10.0%			60.0%			30.0%			30.0%			10.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29	A29	L	< 2000	A30	L	2000-5000	A31	L	< 2000	A32	L	< 2000	A33	L	< 2000
112				A30	L	2000-5000	A31	L	< 2000	A32	L	< 2000			
149															
185				A30	L	< 2000	A31	L	< 2000	A32	L	< 2000			
218				A30	L	< 2000									
229															
238				A30	L	< 2000									
262															
268				A30	L	2000-5000									
297															
Number reporting Sepcificity	1	< 2000		6	< 2000		3	< 2000		3	< 2000		1	< 2000	
Total number of participants	10	1		10	3		10	3		10	3		10	1	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			3			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0	

HLA specificities from users of both LABScreen & Lifecodes kits

	A1			A3			A23			A24			A2403		
Consensus	Present			Present			Present			Present			Not Assessed		
% reported	100.0%			100.0%			100.0%			100.0%			62.5%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24	A1	L	> 5000	A3	L	> 5000	A23	L	< 2000	A24	L	> 5000	A2403	L	> 5000
25	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000			
34	A1	L	> 5000	A3	L	> 5000	A23	L	< 2000	A24	L	> 5000	A2403	L	> 5000
48	A1	L	> 5000	A3	L	> 5000	A23	L	> 5000	A24	L	> 5000	A2403	L	> 5000
58	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000	A2403	L	> 5000
186	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000			
227	A1	L	> 5000	A3	L	> 5000	A23	L	2000-5000	A24	L	> 5000			
267	A1	L	2000-5000	A3	L	> 5000	A23	L	< 2000	A24	L	> 5000	A2403	L	> 5000
Number reporting Sepcificity	8	< 2000		8	< 2000		8	< 2000		8	< 2000		5	< 2000	
Total number of participants	8	0		8	0		8	3		8	0		8	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		1			0			4			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000	
		7			8			1			8			5	

	A25			A26			A34			A66			A11		
Consensus	Present			Not Assessed			Not Assessed			Present			Present		
% reported	75.0%			62.5%			62.5%			100.0%			100.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24	A25	L	< 2000							A66	L	2000-5000	A11	L	> 5000
25	A25	L	2000-5000	A26	L	< 2000	A34	L	2000-5000	A66	L	> 5000	A11	L	> 5000
34	A25	L	< 2000	A26	L	< 2000	A34	L	< 2000	A66	L	< 2000,2000-5000	A11	L	> 5000
48	A25	L	> 5000	A26	L	2000-5000	A34	L	2000-5000	A66	L	2000-5000	A11	L	> 5000
58	A25	L	< 2000				A34	L	< 2000	A66	L	2000-5000	A11	L	> 5000
186										A66	L	2000-5000	A11	L	> 5000
227	A25	L	2000-5000	A26	L	< 2000	A34	L	2000-5000	A66	L	> 5000	A11	L	> 5000
267				A26	L	< 2000				A66	L	< 2000	A11	L	> 5000
Number reporting Sepcificity	6	< 2000		5	< 2000		5	< 2000		8	< 2000		8	< 2000	
Total number of participants	8	3		8	4		8	2		8	1		8	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		2			1			3			4			0	
		> 5000			> 5000			> 5000			> 5000			> 5000	
		1			0			0			2			8	

	A29			A30			A31			A32			A33		
Consensus	Present			Present			Present			Present			Present		
% reported	100.0%			100.0%			87.5%			87.5%			75.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24	A29	L	< 2000	A30	L	2000-5000	A31	L	2000-5000	A32	L	> 5000	A33	L	< 2000
25	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
34	A29	L	< 2000	A30	L	2000-5000	A31	L	2000-5000	A32	L	2000-5000	A33	L	< 2000
48	A29	L	> 5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
58	A29	L	2000-5000	A30	L	2000-5000	A31	L	2000-5000	A32	L	> 5000	A33	L	< 2000
186	A29	L	2000-5000	A30	L	2000-5000	A31	L	2000-5000	A32	L	> 5000			
227	A29	L	2000-5000	A30	L	> 5000	A31	L	> 5000	A32	L	> 5000	A33	L	2000-5000
267	A29	L	< 2000	A30	L	< 2000									
Number reporting Sepcificity	8	< 2000		8	< 2000		7	< 2000		7	< 2000		6	< 2000	
Total number of participants	8	3		8	1		8	0		8	0		8	3	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		4			4			4			1			3	
		> 5000			> 5000			> 5000			> 5000			> 5000	
		1			3			3			6			0	

UKNEQAS for HISTOCOMPATIBILITY and IMMUNOGENETICS
UNITED KINGDOM EXTERNAL QUALITY ASSESSMENT SERVICE

UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION

RESUTLS BY LUMINEX KIT(S) USED

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 303/2014

DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	A74	A36	A43	A80	B51	B5102	B52	B7	B703	B8	B13	B62	B63	B76	B77	B38
Consensus	Present	Present	Not Assessed	Present	Absent	Absent	Absent	Present	Not Assessed	Not Assessed	Present	Absent	Not Assessed	Absent	Absent	Absent
% reported	90.4%	95.9%	31.5%	87.7%	2.7%	4.1%	1.4%	97.3%	8.2%	15.1%	86.3%	1.4%	52.1%	1.4%	1.4%	1.4%

HLA specificities from One Lambda kit users only

	A74	A36	A43	A80	B51	B5102	B52	B7	B703	B8	B13	B62	B63	B76	B77	B38
Consensus	Present	Present	Not Assessed	Present	Absent	Not Assessed	Absent	Present	Absent	Not Assessed	Present	Absent	Not Assessed	Absent	Absent	Absent
% reported	98.1%	98.1%	35.8%	94.3%	3.8%	5.7%	1.9%	98.1%	1.9%	20.8%	98.1%	1.9%	62.3%	1.9%	1.9%	1.9%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
9	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000	B51 L < 2000	B5102 L < 2000		B7 L > 5000		B8 L < 2000	B13 L > 5000		B63 L < 2000			
11	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
12	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000		B8 L < 2000	B13 L > 5000		B63 L < 2000			
14	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
15	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
19	A74 L 2000-5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L 2000-5000,> 5000					
20	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000		B5102 L < 2000		B7 L > 5000		B8 L < 2000	B13 L > 5000		B63 L < 2000			
23	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
26	A74 L 2000-5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
28	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000		B5102 L < 2000		B7 L > 5000		B8 L < 2000	B13 L > 5000		B63 L < 2000			
35	A74 L	A36 L		A80 L				B7 L			B13 L		B63 L			
38	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
39	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
41	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L 2000-5000			
42	A74 L 2000-5000	A36 L > 5000		A80 L > 5000				B7 C+L > 5000			B13 L > 5000		B63 L < 2000			
45	A74 L	A36 L	A43 L	A80 L				B7 L			B13 L					
51	A74 L 2000-5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
54	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
62	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
114	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000	B703 L < 2000		B13 L > 5000		B63 L < 2000			
116	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
117	A74 L > 5000	A36 E+L > 5000	A43 L < 2000	A80 L > 5000				B7 E+L > 5000			B13 E+L > 5000		B63 L < 2000			
119	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
120	A74 L 2000-5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
136	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 C+L > 5000			B13 L > 5000		B63 L < 2000			
139	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 C+L > 5000			B13 L > 5000		B63 L < 2000			
142	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
145	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
147	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 C+L > 5000			B13 L > 5000		B63 L < 2000			
157	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000		B8 L < 2000	B13 L > 5000		B63 L 2000-5000			
159	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 C+L > 5000			B13 L > 5000		B63 L 2000-5000			
162	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 C+L > 5000			B13 L > 5000		B63 L < 2000			
164	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
165	A74 C+F+L > 5000	A36 F+E+L > 5000		A80 F+L > 5000				B7 F+E+L > 5000		B8 F	B13 C+F+E+L > 5000	B62 E	B63 C+F			
169	A74 L 2000-5000	A36 L > 5000		A80 L > 5000				B7 L 2000-5000			B13 L > 5000					
181	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000		B8 L < 2000	B13 L > 5000		B63 L < 2000			
190	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
193	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
194	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000	B51 L < 2000		B52 L < 2000	B7 L > 5000		B8 L < 2000	B13 L > 5000		B63 L 2000-5000	B76 L < 2000	B77 L < 2000	
195	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
204	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
206	A74 L 2000-5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
209	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 C+L > 5000		B8 L < 2000	B13 L > 5000		B63 L < 2000			
216		A36 L > 5000						B7 L > 5000			B13 L > 5000					B38 L 2000-5000
232	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
235	A74 L							B7 L			B13 L					
243	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L 2000-5000			
245	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
271	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
277	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000		B8 L < 2000	B13 L > 5000		B63 L < 2000			
284	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 C+L > 5000			B13 L > 5000					
293	A74 L 2000-5000	A36 L > 5000								B8 L < 2000						
303	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
Number reporting Sepcificity	52 < 2000	52 < 2000	19 < 2000	50 < 2000	2 < 2000	3 < 2000	1 < 2000	52 < 2000	1 < 2000	11 < 2000	52 < 2000	1 < 2000	33 < 2000	1 < 2000	1 < 2000	1 < 2000
Total number of participants	53 0	53 0	53 17	53 0	53 1	53 2	53 1	53 0	53 1	53 9	53 0	53 0	53 25	53 1	53 1	53 0
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	8	0	0	0	0	0	0	1	0	0	0	0	5	0	0	1
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	39	48	0	46	0	0	0	46	0	0	47	0	0	0	0	0

HLA specificities from Lifecodes kit users only

	A74	A36	A43	A80	B51	B5102	B52	B7	B703	B8	B13	B62	B63	B76	B77	B38
Consensus	Not Assessed	Present		Not Assessed				Present	Not Assessed		Not Assessed					
% reported	50.0%	90.0%	0.0%	60.0%	0.0%	0.0%	0.0%	100.0%	40.0%	0.0%	30.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
29	A74 L < 2000	A36 L 2000-5000		A80 L 2000-5000				B7 L > 5000	B703 L 2000-5000		B13 L < 2000					
112	A74 L < 2000	A36 L 2000-5000		A80 L < 2000				B7 L > 5000	B703 L 2000-5000							
149	A74 L < 2000	A36 L 2000-5000						B7 L > 5000								
185	A74 L < 2000	A36 L < 2000		A80 L < 2000				B7 L > 5000	B703 L 2000-5000		B13 L < 2000					
218		A36 L < 2000						B7 L > 5000								
229								B7 L 2000-5000								
238	A74 L < 2000	A36 L 2000-5000		A80 L < 2000				B7 L > 5000			B13 L < 2000					
262		A36 L < 2000						B7 L > 5000								
268		A36 L > 5000		A80 L 2000-5000				B7 L > 5000								
297		A36 L < 2000		A80 L < 2000				B7 L > 5000	B703 L 2000-5000							
Number reporting Sepcificity	5 < 2000	9 < 2000	0 < 2000	6 < 2000	0 < 2000	0 < 2000	0 < 2000	10 < 2000	4 < 2000	0 < 2000	3 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000
Total number of participants	10 5	10 4	10 0	10 4	10 0	10 0	10 0	10 0	10 0	10 0	10 3	10 0	10 0	10 0	10 0	10 0
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	0	4	0	2	0	0	0	1	4	0	0	0	0	0	0	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	0	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0

HLA specificities from users of both LABScreen & Lifecodes kits

	A74	A36	A43	A80	B51	B5102	B52	B7	B703	B8	B13	B62	B63	B76	B77	B38
Consensus	Present	Present	Not Assessed	Present				Present	Not Assessed		Present		Not Assessed			
% reported	100.0%	100.0%	50.0%	100.0%	0.0%	0.0%	0.0%	100.0%	12.5%	0.0%	87.5%	0.0%	62.5%	0.0%	0.0%	0.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
24	A74 L 2000-5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
25	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
34	A74 L 2000-5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
48	A74 L > 5000	A36 L > 5000	A43 L 2000-5000	A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L 2000-5000			
58	A74 L > 5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000		B63 L < 2000			
186	A74 L 2000-5000	A36 L > 5000		A80 L > 5000				B7 L > 5000			B13 L > 5000					
227	A74 L > 5000	A36 L > 5000	A43 L < 2000	A80 L > 5000				B7 C+L > 5000			B13 L > 5000		B63 L < 2000			
267	A74 L < 2000	A36 L 2000-5000		A80 L < 2000				B7 L > 5000	B703 L < 2000							
Number reporting Sepcificity	8 < 2000	8 < 2000	4 < 2000	8 < 2000	0 < 2000	0 < 2000	0 < 2000	8 < 2000	1 < 2000	0 < 2000	7 < 2000	0 < 2000	5 < 2000	0 < 2000	0 < 2000	0 < 2000
Total number of participants	8 1	8 0	8 3	8 1	8 0	8 0	8 0	8 0	8 1	8 0	8 0	8 0	8 4	8 0	8 0	8 0
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	3	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	4	7	0	7	0	0	0	8	0	0	7	0	0	0	0	0

UKNEQAS for HISTOCOMPATIBILITY and IMMUNOGENETICS
UNITED KINGDOM EXTERNAL QUALITY ASSESSMENT SERVICE

UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION **RESUTLS BY LUMINEX KIT(S) USED**

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 303/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	B57	B58	B18	B49	B54	B55	B56	B27	B2708	B35	B37	B60	B61	B41	B42	B46
Consensus	Not Assessed	Not Assessed	Absent	Not Assessed	Present	Present	Present	Present	Not Assessed	Absent	Not Assessed	Present	Present	Not Assessed	Present	Absent
% reported	74.0%	57.5%	1.4%	11.0%	89.0%	94.5%	94.5%	95.9%	61.6%	1.4%	11.0%	95.9%	95.9%	27.4%	97.3%	1.4%

HLA specificities from One Lambda kit users only

	B57	B58	B18	B49	B54	B55	B56	B27	B2708	B35	B37	B60	B61	B41	B42	B46
Consensus	Present	Not Assessed	Absent	Not Assessed	Present	Present	Present	Present	Not Assessed	Absent	Not Assessed	Present	Present	Not Assessed	Present	Absent
% reported	90.6%	69.8%	1.9%	15.1%	96.2%	96.2%	96.2%	98.1%	58.5%	1.9%	13.2%	98.1%	98.1%	34.0%	98.1%	1.9%

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	B57	L	2000-5000	B58	L	< 2000	B49	L	< 2000	B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000	B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000	B46	L	> 5000
11	B57	L	< 2000							B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000	B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
12	B57	L	2000-5000	B58	L	< 2000	B49	L	< 2000	B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000	B37	L	< 2000	B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
14	B57	L	2000-5000							B54	L	2000-5000	B55	L	2000-5000	B56	L	2000-5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
15	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000	B37	L	2000-5000	B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
19										B54	L	< 2000	B55	L	2000-5000	B56	L	2000-5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
20	B57	L	2000-5000	B58	L	< 2000	B49	L	< 2000	B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000	B37	L	< 2000	B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
23	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
26	B57	L	< 2000							B54	L	< 2000	B55	L	2000-5000	B56	L	2000-5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
28	B57	L	2000-5000	B58	L	2000-5000	B49	L	< 2000	B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000	B37	L	< 2000	B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
35	B57	L		B58	L					B54	L		B55	L		B56	L		B27	L		B2708	L					B60	L		B61	L		B41	L		B42	L				
38	B57	L	2000-5000							B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
39	B57	L	2000-5000	B58	L	< 2000				B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
41	B57	L	2000-5000	B58	L	2000-5000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
42	B57	L	< 2000	B58	L	< 2000				B54	L	< 2000	B55	L	2000-5000	B56	L	2000-5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
45	B57	L		B58	L					B54	L		B55	L		B56	L		B27	L		B2708	L		B37	L		B60	L		B61	L					B42	L				
51	B57	L	< 2000	B58	L	< 2000				B54	L	< 2000	B55	L	2000-5000	B56	L	2000-5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
54	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
62	B57	L	2000-5000							B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
114	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
116	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
117	B57	L	< 2000	B58	L	< 2000				B54	E+L	2000-5000	B55	E+L	> 5000	B56	E+L	> 5000	B27	E+L	> 5000	B2708	L	> 5000				B60	E+L	> 5000	B61	E+L	> 5000				B42	E+L	> 5000			
119	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
120	B57	L	< 2000	B58	L	< 2000				B54	L	< 2000	B55	L	2000-5000	B56	L	2000-5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
136	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	C+L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	C+L	> 5000	B61	C+L	> 5000				B42	L	> 5000			
139	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
142	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
145	B57	L	< 2000,2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
147	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	C+L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
157	B57	L	2000-5000	B58	L	2000-5000	B49	L	< 2000	B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
159	B57	L	2000-5000	B58	L	2000-5000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
162	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
164	B57	L	> 5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
165	B57	C+F+L	< 2000	B58	C+F					B54	F+E+L	2000-5000	B55	F+E+L	> 5000	B56	F+E+L	> 5000	B27	F+E+L	> 5000							B60	F+E+L	> 5000	B61	F+E+L	> 5000	B41	F		B42	F+E+L	> 5000			
169													B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
181	B57	L	< 2000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000				B37	L	< 2000	B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
190	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
193	B57	L	2000-5000							B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
194	B57	C+L	2000-5000	B58	L	2000-5000	B49	L	< 2000	B54	L	> 5000	B55	C+L	> 5000	B56	C+L	> 5000	B27	L	> 5000				B37	L	< 2000	B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
195	B57	L	< 2000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
204	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
206	B57	L	< 2000							B54	L	< 2000	B55	L	2000-5000	B56	L	2000-5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
209	B57	L	2000-5000	B58	L	< 2000	B49	L	< 2000	B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
216										B54	L	> 5000							B27	L	> 5000							B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000
232	B57	L	< 2000							B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
235							B18	L		B54	L		B55	L		B56	L		B27	L								B60	L		B61	L		B41	L		B42	L				
243	B57	L	> 5000	B58	L	2000-5000				B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
245	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
271	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
277	B57	L	< 2000	B58	L	< 2000	B49	L	< 2000	B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
284	B57	L	< 2000							B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
293																																		B41	L	> 5000						
303	B57	L	2000-5000							B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
Number reporting Sepcificity	48	< 2000		37	< 2000		1	< 2000		8	< 2000		51	< 2000		51	< 2000		51	< 2000		52	< 2000		31	< 2000		1	< 2000		7	< 2000		52	< 2000		52	< 2000		18	< 2000		52	< 2000		1	< 2000	
Total number of participants	53	12		53	27		53	0		53	7		53	6		53	0		53	0		53	0		53	0		53	0		53	5		53	0		53	0		53	12		53	0		53	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		29			6			0			0			35			7			8			0			0			1			1			0			0			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		2			0			0			0			5			39			38			47			27			0			0			47			47			2			47			1	

HLA specificities from Lifecodes kit users only

	B57	B58	B18	B49	B54	B55	B56	B27	B2708	B35	B37	B60	B61	B41	B42	B46
Consensus					Not Assessed	Present	Present	Present	Present		Not Assessed	Present	Present		Present	
% reported	0.0%	0.0%	0.0%	0.0%	50.0%	90.0%	90.0%	90.0%	80.0%	0.0%	10.0%	90.0%	90.0%	0.0%	100.0%	0.0%

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29										B54	L	< 2000	B55	L	< 2000	B56	L	< 2000	B27	L	2000-5000	B2708	L	2000-5000				B60	L	2000-5000	B61	L	2000-5000				B42	L	2000-5000			
112										B54	L	< 2000	B55	L	2000-5000	B56	L	2000-5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
149													B55	L	< 2000	B56	L	< 2000	B27	L	2000-5000	B2708	L	2000-5000				B60	L	2000-5000	B61	L	2000-5000				B42	L	2000-5000			
185										B54	L	< 2000	B55	L	< 2000	B56	L	< 2000	B27	L	2000-5000	B2708	L	2000-5000				B60	L	2000-5000	B61	L	2000-5000				B42	L	2000-5000			
218													B55	L	< 2000	B56	L	< 2000	B27	L	2000-5000	B2708	L	2000-5000				B60	L	< 2000	B61	L	2000-5000				B42	L	2000-5000			
229																						B2708	L	2000-5000													B42	L	< 2000			
238										B54	L	< 2000	B55	L	< 2000	B56	L	< 2000	B27	L	2000-5000	B2708	L	2000-5000				B60	L	2000-5000	B61	L	2000-5000				B42	L	2000-5000			
262										B54	L	< 2000	B55	L	< 2000	B56	L	< 2000	B27	L	2000-5000				B37	L	< 2000	B60	L	2000-5000	B61	L	2000-5000				B42	L	2000-5000			
268													B55	L	2000-5000	B56	L	2000-5000	B27	L	2000-5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
297													B55	L	< 2000	B56	L	< 2000	B27	L	2000-5000	B2708	L	2000-5000				B60	L	2000-5000	B61	L	2000-5000				B42	L	2000-5000			
Number reporting Sepcificity	0	< 2000		0	< 2000		0	< 2000		0	< 2000		5	< 2000		9	< 2000		9	< 2000		9	< 2000		8	< 2000		0	< 2000		1	< 2000		9	< 2000		9	< 2000		0	< 2000		10	< 2000		0	< 2000	
Total number of participants	10	0		10	0		10	0		10	0		10	5		10	7		10	7		10	0		10	0		10	0		10	1		10	1		10	0		10	0		10	1		10	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			0			0			0			0			2			2			8			7			0			6			7			0			0			7			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			0			0			1			1			0			2			2			0			2			0	

HLA specificities from users of both LABScreen & Lifecodes kits

	B57	B58	B18	B49	B54	B55	B56	B27	B2708	B35	B37	B60	B61	B41	B42	B46
Consensus	Present	Not Assessed	Absent		Present	Present	Present	Present	Present			Present	Present	Not Assessed	Present	
% reported	75.0%	62.5%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	75.0%	0.0%	0.0%	100.0%	100.0%	12.5%	100.0%	0.0%

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24	B57	L	< 2000							B54	L	< 2000	B55	L	2000-5000	B56	L	2000-5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
25	B57	L	2000-5000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
34	B57	L	< 2000	B58	L	< 2000				B54	L	< 2000	B55	L	2000-5000	B56	L	2000-5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
48	B57	L	2000-5000	B58	L	2000-5000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
58	B57	L	< 2000	B58	L	< 2000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
186										B54	L	< 2000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000							B60	L	> 5000	B61	L	> 5000				B42	L	> 5000			
227	B57	L	2000-5000	B58	L	2000-5000				B54	L	2000-5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000				B60	L	> 5000	B61	L	> 5000	B41	L	< 2000	B42	L	> 5000			
267										B54	L	< 2000	B55	L	< 2000	B56	L	< 2000	B27	L	> 5000	B2708	L	> 5000				B60	L	2000-5000	B61	L	2000-5000				B42	L	> 5000			
Number reporting Sepcificity	6	< 2000		5	< 2000		0	< 2000		0	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		6	< 2000		0	< 2000		0	< 2000		8	< 2000		8	< 2000		1	< 2000		8	< 2000		0	< 2000	
Total number of participants	8	3		8	3		8	0		8	0		8	4		8	1		8	1		8	0		8	0		8	0		8	0		8	0		8	1		8	0		8	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		3			2			0			0			4			2			3			0			0			1			1			1			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			5			4			8			6			0			7			7			0			8			0	

UKNEQAS for HISTOCOMPATIBILITY and IMMUNOGENETICS
UNITED KINGDOM EXTERNAL QUALITY ASSESSMENT SERVICE

UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 303/2014

HLA specificities from all participants

	B47	B48	B59	B67	B73	B81	B82	Cw1	Cw2	Cw10	Cw5	Cw6	Cw7	Cw12	Cw14	Cw15	Cw17	Cw18
Consensus	Present	Present	Absent	Present	Present	Present	Present	Not Assessed	Not Assessed	Absent	Absent	Absent	Absent	Absent	Not Assessed	Absent	Not Assessed	Absent
% reported	93.2%	82.2%	4.1%	82.2%	93.2%	95.9%	91.8%	26.0%	57.5%	1.4%	1.4%	1.4%	1.4%	1.4%	15.1%	1.4%	5.5%	1.4%

Number of Sepcifcities Present: 30
Number of Specificites Absent: 18
Number of Specifcies Not Assessed: 17

HLA specificities from One Lambda kit users only

	B47	B48	B59	B67	B73	B81	B82	Cw1	Cw2	Cw10	Cw5	Cw6	Cw7	Cw12	Cw14	Cw15	Cw17	Cw18
Consensus	Present	Present	Not Assessed	Present	Present	Present	Present	Not Assessed	Not Assessed	Absent	Absent	Absent	Absent	Absent	Not Assessed	Absent	Not Assessed	Absent
% reported	96.2%	96.2%	5.7%	96.2%	94.3%	98.1%	96.2%	30.2%	69.8%	1.9%	1.9%	1.9%	1.9%	1.9%	20.8%	1.9%	7.5%	1.9%

Number of Sepcifcities Present: 32
Number of Specificites Absent: 17
Number of Specifcies Not Assessed: 16

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	B47	L	> 5000	B48	L	> 5000	B59	L	< 2000	B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000																										
11	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	2000-5000	Cw1	L	< 2000	Cw2	L	< 2000															Cw14	L	< 2000						
12	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000				Cw2	L	< 2000																				
14	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	2000-5000	B81	L	> 5000	B82	L	2000-5000	Cw1	L	< 2000	Cw2	L	< 2000															Cw14	L	< 2000						
15	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000				Cw2	L	2000-5000																				
19	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	2000-5000	B81	L	> 5000	B82	L	2000-5000	Cw1	L	< 2000	Cw2	L	2000-5000																				
20	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000																										
23	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000	Cw1	L	< 2000	Cw2	L	2000-5000															Cw14	L	< 2000				Cw17	L	< 2000
26	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	2000-5000	B81	L	> 5000	B82	L	2000-5000																										
28	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000																										
35	B47	L		B48	L					B67	L		B73	L		B81	L		B82	L		Cw1	L	< 2000	Cw2	L	2000-5000															Cw14	L	< 2000				Cw17	L	< 2000
38	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	2000-5000				Cw2	L																					
39	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000				Cw2	L	< 2000																				
41	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000				Cw2	L	2000-5000																				
42	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	2000-5000	B81	L	> 5000	B82	L	2000-5000	Cw1	L	2000-500	Cw2	L	2000-5000															Cw14	L	2000-5000						
45	B47	L		B48	L					B67	L		B73	L		B81	L		B82	L					Cw2	L	< 2000																				
51	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	2000-5000	B81	L	> 5000	B82	L	2000-5000				Cw2	L																					
54	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000				Cw2	L	< 2000																				
62	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000				Cw2	L	< 2000																				
114	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000																										
116	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000	Cw1	L	< 2000	Cw2	L	2000-5000															Cw14	L	< 2000						
117	B47	E+L	> 5000	B48	L	> 5000				B67	E+L	> 5000	B73	L	> 5000	B81	E+L	> 5000	B82	L	2000-5000				Cw2	L	2000-5000																				
119	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000				Cw2	L	< 2000																				
120	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	2000-5000	B81	L	> 5000	B82	L	2000-5000				Cw2	L	< 2000																				
136	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000	Cw1	L	< 2000	Cw2	L	< 2000																				
139	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	C+L	> 5000	B82	L	> 5000				Cw2	L	< 2000																				
142	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000				Cw2	L	< 2000																				
145	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000																										
147	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000																										
157	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000				Cw2	L	< 2000																				
159	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000	Cw1	L	< 2000	Cw2	L	2000-5000																				
162	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000	Cw1	L	< 2000	Cw2	L	2000-5000																				
164	B47	L	> 5000	B48	L	> 5000							B73	L	> 5000	B81	L	> 5000	B82	L	> 5000				Cw2	L	< 2000																				
165	B47	F+E+L	2000-5000	B48	F+L	> 5000				B67	F+E+L	> 5000	B73	F+L	> 5000	B81	F+E+L	> 5000	B82	F+L	2000-5000																										
169	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	2000-5000	B81	L	> 5000	B82	L	2000-5000																										
181	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	2000-5000																										
190	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000	Cw1	L	< 2000	Cw2	L	< 2000															Cw14	L	< 2000						
193	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000	Cw1	L	< 2000	Cw2	L	< 2000															Cw14	L	< 2000						
194	B47	L	> 5000	B48	L	> 5000	B59	L	< 2000	B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000																										
195	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	2000-5000	Cw1	L	2000-500	Cw2	L	2000-5000				Cw5	L	< 2000	Cw6	L	< 2000	Cw7	L	2000-500	Cw12	L	< 2000	Cw14	L	2000-500	Cw15	L	< 2000	Cw17	L	< 2000	Cw18	L	< 2000
204	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	2000-5000				Cw2	L	< 2000																				
206	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	2000-5000	B81	L	> 5000	B82	L	2000-5000				Cw2	L	< 2000																				
209	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	C+L	> 5000	B82	L	> 5000																										
216	B47	L	> 5000				B59	L	> 5000	B67	L	> 5000				B81	L	> 5000				Cw1	L	< 2000	Cw2	L	< 2000															Cw14	L	< 2000						
232	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	2000-5000																										
235				B48	L					B67	L					B81	L		B82	L																												
243	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000																										
245	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000	Cw1	L	< 2000	Cw2	L	2000-5000															Cw14	L	< 2000						
271	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000				Cw2	L	2000-5000																				
277	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000				Cw2	L	< 2000																				
284	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	2000-5000				Cw2	L	< 2000																				
293																									Cw2	L	< 2000																				
303	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000	Cw1	L	> 5000				Cw10	L	> 5000																	Cw17	L	> 5000			
Number reporting Sepcificity	51	< 2000		51	< 2000		3	< 2000		51	< 2000		50	< 2000		52	< 2000		51	< 2000		16	< 2000		37	< 2000		1	< 2000		1	< 2000		1	< 2000		1	< 2000		1	< 2000		11	< 2000		1	< 2000		4	< 2000		1	< 2000	
Total number of participants	53	0		53	0		53	1		53	0		53	0		53	0		53	0		53	12		53	20		53	0		53	1		53	1		53	0		53	1		53	8		53	1		53	3		53	1	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		10			0			0			0			8			0			16			2			13			0			0			0			1			0			2			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		37			46			1			46			38			47			30			1			0			1			0			0			0			0			0			0			1			0	

HLA specificities from Lifecodes kit users only

	B47	B48	B59	B67	B73	B81	B82	Cw1	Cw2	Cw10	Cw5	Cw6	Cw7	Cw12	Cw14	Cw15	Cw17	Cw18
Consensus	Present	Not Assessed		Not Assessed	Present		Present											
% reported	80.0%	10.0%	0.0%	10.0%	90.0%	90.0%	90.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Number of Sepcifcities Present: 18
Number of Specificites Absent: 0
Number of Specifcies Not Assessed: 15

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29	B47	L	2000-5000	B48	L	< 2000				B67	L	> 5000	B73	L	< 2000	B81	L	> 5000	B82	L	< 2000																										
112	B47	L	2000-5000										B73	L	< 2000	B81	L	> 5000	B82	L	2000-5000																										
149	B47	L	< 2000										B73	L	< 2000	B81	L	> 5000	B82	L	< 2000																										
185	B47	L	< 2000										B73	L	< 2000	B81	L	> 5000	B82	L	< 2000																										
218	B47	L	< 2000										B73	L	< 2000	B81	L	> 5000	B82	L	< 2000																										
229																																																
238	B47	L	2000-5000										B73	L	< 2000	B81	L	> 5000	B82	L	< 2000																										
262	B47	L	< 2000										B73	L	< 2000	B81	L	> 5000	B82	L	< 2000																										
268	B47	L	> 5000										B73	L	2000-5000	B81	L	> 5000	B82	L	> 5000																										
297													B73	L	< 2000	B81	L	> 5000	B82	L	< 2000																										
Number reporting Sepcificity	8	< 2000		1	< 2000		0	< 2000		1	< 2000		9	< 2000		9	< 2000		9	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000	
Total number of participants	10	4		10	1		10	0		10	0		10	8		10	0		10	7		10	0		10	0		10	0		10	0		10	0		10	0		10	0		10	0		10	0		10	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		3			0			0			0			1			0			1			0			0			0			0			0			0			0			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		1			0			0			1			0			9			1			0			0			0			0			0			0			0			0			0			0	

HLA specificities from users of both LABScreen & Lifecodes kits

	B47	B48	B59	B67	B73	B81	B82	Cw1	Cw2	Cw10	Cw5	Cw6	Cw7	Cw12	Cw14	Cw15	Cw17	Cw18
Consensus	Present	Present		Present	Present	Present	Present	Not Assessed	Not Assessed									
% reported	100.0%	87.5%	0.0%	87.5%	100.0%	100.0%	87.5%	37.5%	62.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Number of Sepcifcities Present: 32
Number of Specificites Absent: 0
Number of Specifcies Not Assessed: 10

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	2000-5000	B81	L	> 5000	B82	L	2000-5000																										
25	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000																										
34	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	2000-5000	B81	L	> 5000	B82	L	2000-5000																										
48	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000																										
58	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	2000-5000																										
186	B47	L	2000-5000	B48	L	> 5000				B67	L	> 5000	B73	L	2000-5000	B81	L	> 5000	B82	L	2000-5000																										
227	B47	L	> 5000	B48	L	> 5000				B67	L	> 5000	B73	L	> 5000	B81	L	> 5000	B82	L	> 5000																										
267	B47	L	< 2000										B73	L	< 2000	B81	L	> 5000																														
Number reporting Sepcificity	8	< 2000		7	< 2000		0	< 2000		7	< 2000		8	< 2000		8	< 2000		7	< 2000		3	< 2000		5	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000	
Total number of participants	8	1		8	0		8	0		8	0		8	1		8	0		8	0		8	2		8	3		8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		4			0			0			0			3			0			4			1			2			0			0			0			0			0			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		3			7			0			7			4			8			3			0			0			0			0			0			0			0			0			0			0	

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UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION **RESUTLS BY LUMINEX KIT(S) USED**

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 304/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	A23	A24	A2403	A25	A29	A32	A80	B51	B5102	B52	B13	B62	B63	B75	B76	B77
Consensus	Not Assessed	Not Assessed	Not Assessed	Absent	Absent	Not Assessed	Absent	Not Assessed	Not Assessed	Absent	Not Assessed	Not Assessed	Present	Not Assessed	Not Assessed	Not Assessed
% reported	17.8%	11.0%	8.2%	4.1%	1.4%	20.5%	2.7%	9.6%	6.8%	1.4%	12.3%	19.2%	80.8%	15.1%	12.3%	28.8%

HLA specificities from One Lambda kit users only

	A23	A24	A2403	A25	A29	A32	A80	B51	B5102	B52	B13	B62	B63	B75	B76	B77
Consensus	Not Assessed	Not Assessed	Not Assessed	Not Assessed		Not Assessed		Not Assessed	Not Assessed		Not Assessed	Not Assessed	Present	Not Assessed	Not Assessed	Not Assessed
% reported	18.9%	9.4%	7.5%	5.7%	0.0%	28.3%	3.8%	13.2%	9.4%	1.9%	17.0%	22.6%	94.3%	18.9%	17.0%	39.6%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
9	A23 L < 2000	A24 L < 2000	A2403 L < 2000	A25 L < 2000		A32 L < 2000	A80 L < 2000	B51 L < 2000	B5102 L < 2000	B52 L < 2000	B13 L < 2000	B62 L < 2000	B63 L > 5000	B75 L < 2000	B76 L < 2000	B77 L 2000-5000
11													B63 L 2000-5000			
12	A23 L < 2000	A24 L < 2000	A2403 L < 2000	A25 L < 2000		A32 L < 2000		B51 L < 2000	B5102 L < 2000		B13 L < 2000	B62 L < 2000	B63 L 2000-5000	B75 L < 2000	B76 L < 2000	B77 L < 2000
14													B63 L 2000-5000			
15													B63 L < 2000			
19																
20	A23 L < 2000					A32 L < 2000			B5102 L < 2000				B63 L 2000-5000			B77 L < 2000
23													B63 L 2000-5000			
26													B63 L < 2000			
28	A23 L < 2000	A24 L < 2000	A2403 L < 2000			A32 L < 2000			B5102 L < 2000		B13 L < 2000	B62 L < 2000	B63 L < 2000	B75 L < 2000	B76 L < 2000	B77 L < 2000
35													B63 L			B77 L
38						A32 L < 2000					B13 L < 2000		B63 L 2000-5000			B77 L < 2000
39													B63 L 2000-5000			
41													B63 L 2000-5000			
42												B62 L < 2000	B63 L < 2000	B75 L < 2000		B77 L < 2000
45	A23 L	A24 L	A2403 L										B63 L			
51													B63 L < 2000			
54						A32 L < 2000							B63 L 2000-5000			B77 L < 2000
62													B63 L > 5000			
114													B63 L 2000-5000			B77 L < 2000
116													B63 L 2000-5000			
117													B63 E+L 2000-5000			B77 L < 2000
119													B63 L 2000-5000			B77 L < 2000
120	A23 L < 2000					A32 L < 2000		B51 L < 2000				B62 L < 2000	B63 L 2000-5000	B75 L < 2000		B77 L < 2000
136													B63 L 2000-5000			
139													B63 L 2000-5000			
142													B63 L 2000-5000			
145													B63 L 2000-5000			
147													B63 L 2000-5000			
157	A23 L < 2000	A24 L < 2000		A25 L < 2000		A32 L < 2000		B51 L < 2000	B5102 L < 2000		B13 L < 2000	B62 L < 2000	B63 L > 5000	B75 L < 2000	B76 L < 2000	B77 L < 2000
159						A32 L < 2000							B63 L 2000-5000			B77 L < 2000
162						A32 L < 2000					B13 L < 2000	B62 L < 2000	B63 L 2000-5000	B75 L < 2000	B76 L < 2000	B77 L < 2000
164													B63 L > 5000			B77 L 2000-5000
165													B63 F+L < 2000			
169													B63 L < 2000			
181	A23 L < 2000					A32 L < 2000	A80 L < 2000					B62 L < 2000	B63 L 2000-5000		B76 L < 2000	B77 L < 2000
190						A32 L < 2000							B63 L 2000-5000			B77 L < 2000
193													B63 L 2000-5000			
194	A23 L < 2000					A32 L < 2000		B51 L < 2000			B13 L < 2000	B62 L < 2000	B63 L 2000-5000	B75 L < 2000	B76 L < 2000	B77 L < 2000
195													B63 L 2000-5000			
204													B63 L 2000-5000			
206													B63 L < 2000			
209	A23 L < 2000					A32 L < 2000		B51 L < 2000			B13 L < 2000	B62 L < 2000	B63 L 2000-5000	B75 L < 2000	B76 L < 2000	B77 L < 2000
216																
232													B63 L < 2000			
235													B63 L			
243													B63 L 2000-5000			
245												B62 L < 2000	B63 L 2000-5000			
271													B63 L 2000-5000			
277						A32 L < 2000		B51 L < 2000			B13 L < 2000	B62 L < 2000	B63 L 2000-5000	B75 L < 2000	B76 L < 2000	B77 L < 2000
284													B63 L 2000-5000			
293																
303													B63 L 2000-5000			
Number reporting Sepcificity	10 < 2000	5 < 2000	4 < 2000	3 < 2000	0 < 2000	15 < 2000	2 < 2000	7 < 2000	5 < 2000	1 < 2000	9 < 2000	12 < 2000	50 < 2000	10 < 2000	9 < 2000	21 < 2000
Total number of participants	53 8 2000-5000 0 > 5000 0	53 3 2000-5000 0 > 5000 0	53 2 2000-5000 0 > 5000 0	53 2 2000-5000 0 > 5000 0	53 0 2000-5000 0 > 5000 0	53 14 2000-5000 0 > 5000 0	53 1 2000-5000 0 > 5000 0	53 6 2000-5000 0 > 5000 0	53 4 2000-5000 0 > 5000 0	53 0 2000-5000 0 > 5000 0	53 8 2000-5000 0 > 5000 0	53 11 2000-5000 0 > 5000 0	53 9 2000-5000 33 > 5000 3	53 9 2000-5000 0 > 5000 0	53 8 2000-5000 0 > 5000 0	53 18 2000-5000 1 > 5000 0

HLA specificities from Lifecodes kit users only

	A23	A24	A2403	A25	A29	A32	A80	B51	B5102	B52	B13	B62	B63	B75	B76	B77
Consensus	Not Assessed	Not Assessed	Not Assessed									Not Assessed	Not Assessed	Not Assessed		
% reported	20.0%	20.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	30.0%	10.0%	0.0%	0.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
29	A23 L < 2000	A24 L < 2000	A2403 L < 2000									B62 L < 2000	B63 L < 2000			
112																
149																
185												B62 L < 2000	B63 L < 2000	B75 L < 2000		
218																
229																
238													B63 L < 2000			
262	A23 L < 2000	A24 L < 2000														
268																
297																
Number reporting Sepcificity	2 < 2000	2 < 2000	1 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	2 < 2000	3 < 2000	1 < 2000	0 < 2000	0 < 2000
Total number of participants	10 2 2000-5000 0 > 5000 0	10 2 2000-5000 0 > 5000 0	10 1 2000-5000 0 > 5000 0	10 0 2000-5000 0 > 5000 0	10 0 2000-5000 0 > 5000 0	10 0 2000-5000 0 > 5000 0	10 0 2000-5000 0 > 5000 0	10 0 2000-5000 0 > 5000 0	10 0 2000-5000 0 > 5000 0	10 0 2000-5000 0 > 5000 0	10 0 2000-5000 0 > 5000 0	10 2 2000-5000 0 > 5000 0	10 3 2000-5000 0 > 5000 0	10 1 2000-5000 0 > 5000 0	10 0 2000-5000 0 > 5000 0	10 0 2000-5000 0 > 5000 0

HLA specificities from users of both LABScreen & Lifecodes kits

	A23	A24	A2403	A25	A29	A32	A80	B51	B5102	B52	B13	B62	B63	B75	B76	B77
Consensus	Not Assessed	Not Assessed	Not Assessed		Not Assessed								Present			
% reported	12.5%	12.5%	12.5%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	75.0%	0.0%	0.0%	0.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
24													B63 L < 2000			
25													B63 L 2000-5000			
34													B63 L < 2000			
48													B63 L 2000-5000			
58													B63 L 2000-5000			
186																
227													B63 L 2000-5000			
267	A23 L < 2000	A24 L < 2000	A2403 L < 2000		A29 L < 2000											
Number reporting Sepcificity	1 < 2000	1 < 2000	1 < 2000	0 < 2000	1 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	6 < 2000	0 < 2000	0 < 2000	0 < 2000
Total number of participants	8 1 2000-5000 0 > 5000 0	8 1 2000-5000 0 > 5000 0	8 1 2000-5000 0 > 5000 0	8 0 2000-5000 0 > 5000 0	8 1 2000-5000 0 > 5000 0	8 0 2000-5000 0 > 5000 0	8 0 2000-5000 0 > 5000 0	8 0 2000-5000 0 > 5000 0	8 0 2000-5000 0 > 5000 0	8 0 2000-5000 0 > 5000 0	8 0 2000-5000 0 > 5000 0	8 0 2000-5000 0 > 5000 0	8 2 2000-5000 4 > 5000 0	8 0 2000-5000 0 > 5000 0	8 0 2000-5000 0 > 5000 0	8 0 2000-5000 0 > 5000 0

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CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 304/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	B38	B57	B58	B18	B49	B54	B55	B56	B35	B53	B59	Cw7	
Consensus	Not Assessed	Present	Present	Absent	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Absent	Absent	Not Assessed	Absent	**Number of Sepcifcities Present: 3**
% reported	28.8%	95.9%	91.8%	1.4%	45.2%	5.5%	13.7%	16.4%	1.4%	4.1%	13.7%	2.7%	**Number of Specificities Absent: 8**
													Number of Specifcies Not Assessed: 17

HLA specificities from One Lambda kit users only

	B38	B57	B58	B18	B49	B54	B55	B56	B35	B53	B59	Cw7	
Consensus	Not Assessed	Present	Present		Not Assessed	Not Assessed	Not Assessed	Not Assessed		Not Assessed	Not Assessed		**Number of Sepcifcities Present: 3**
% reported	39.6%	100.0%	100.0%	0.0%	58.5%	7.5%	18.9%	22.6%	0.0%	5.7%	18.9%	0.0%	**Number of Specificities Absent: 2**
													Number of Specifcies Not Assessed: 19

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	B38	L	2000-5000	B57	L	> 5000	B58	L	> 5000				B49	L	2000-5000	B54	L	< 2000	B55	L	< 2000	B56	L	< 2000	B53	L	< 2000	B59	L	< 2000
11				B57	L	> 5000	B58	L	> 5000																					
12	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000	B54	L	< 2000	B55	L	< 2000	B56	L	< 2000	B53	L	< 2000	B59	L	< 2000
14				B57	L	> 5000	B58	L	> 5000																					
15				B57	L	> 5000	B58	L	2000-5000																					
19				B57	L	2000-5000	B58	L	2000-5000																					
20	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000							B56	L	< 2000						
23				B57	L	> 5000	B58	L	> 5000																					
26				B57	L	> 5000	B58	L	2000-5000																					
28	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000				B55	L	< 2000	B56	L	< 2000				B59	L	< 2000
35	B38	L		B57	L		B58	L					B49	L																
38	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
39				B57	L	> 5000	B58	L	> 5000																					
41				B57	L	> 5000	B58	L	> 5000																					
42				B57	L	> 5000	B58	L	2000-5000				B49	L	< 2000															
45				B57	L		B58	L																						
51				B57	L	> 5000	B58	L	2000-5000																					
54	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000													B59	L	< 2000
62				B57	L	> 5000	B58	L	> 5000																					
114				B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
116				B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
117	B38	L	< 2000	B57	E+L	> 5000	B58	E+L	> 5000				B49	L	< 2000							B56	L	< 2000						
119	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
120	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000				B55	L	< 2000	B56	L	< 2000				B59	L	< 2000
136				B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
139				B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
142				B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
145				B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
147	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	2000-5000															
157	B38	L	2000-5000	B57	L	> 5000	B58	L	> 5000				B49	L	2000-5000	B54	L	< 2000	B55	L	< 2000	B56	L	< 2000				B59	L	< 2000
159	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	2000-5000															
162	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000				B55	L	< 2000	B56	L	< 2000				B59	L	< 2000
164				B57	L	> 5000	B58	L	> 5000				B49	L	2000-5000															
165				B57	F+E+L	> 5000	B58	F+E+L	> 5000																					
169				B57	L	> 5000	B58	L	2000-5000																					
181	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000				B55	L	< 2000	B56	L	< 2000						
190	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
193				B57	L	> 5000	B58	L	> 5000																					
194	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000	B54	L	< 2000	B55	L	< 2000	B56	L	< 2000	B53	L	< 2000	B59	L	< 2000
195				B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
204	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
206				B57	L	> 5000	B58	L	> 5000																					
209	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000				B55	L	< 2000	B56	L	< 2000				B59	L	< 2000
216				B57	L	2000-5000	B58	L	2000-5000																					
232				B57	L	> 5000	B58	L	> 5000																					
235				B57	L		B58	L																						
243	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
245				B57	L	> 5000	B58	L	> 5000				B49	L	< 2000															
271				B57	L	> 5000	B58	L	> 5000																					
277	B38	L	< 2000	B57	L	> 5000	B58	L	> 5000				B49	L	< 2000				B55	L	< 2000	B56	L	< 2000				B59	L	< 2000
284				B57	L	> 5000	B58	L	> 5000																					
293				B57	L	2000-5000	B58	L	2000-5000																					
303				B57	L	> 5000	B58	L	> 5000																					
Number reporting Sepcificity	21	< 2000		53	< 2000		53	< 2000		0	< 2000		31	< 2000		4	< 2000		10	< 2000		12	< 2000		0	< 2000		3	< 2000		10	< 2000		0	< 2000	
Total number of participants	53	18		53	0		53	0		53	0		53	25		53	3		53	9		53	11		53	0		53	2		53	9		53	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		1			3			8			0			4			0			0			0			0			0			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			45			40			0			0			0			0			0			0			0			0			0			0	

HLA specificities from Lifecodes kit users only

	B38	B57	B58	B18	B49	B54	B55	B56	B35	B53	B59	Cw7	
Consensus		Present	Not Assessed	Not Assessed								Not Assessed	**Number of Sepcifcities Present: 1**
% reported	0.0%	80.0%	50.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10.0%	**Number of Specificities Absent: 0**
													Number of Specifcies Not Assessed: 9

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29				B57	L	< 2000	B58	L	< 2000																						Cw7	L	< 2000
112				B57	L	< 2000	B58	L	< 2000																								
149				B57	L	< 2000																											
185				B57	L	< 2000	B58	L	< 2000																								
218																																	
229										B18	L	< 2000																					
238				B57	L	< 2000	B58	L	< 2000																								
262				B57	L	< 2000																											
268				B57	L	2000-5000	B58																										
297				B57	L	< 2000																											
Number reporting Sepcificity	0	< 2000		8	< 2000		5	< 2000		1	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		1	< 2000	
Total number of participants	10	0		10	7		10	4		10	1		10	0		10	0		10	0		10	0		10	0		10	0		10	0		10	1	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			1			0			0			0			0			0			0			0			0			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			0			0			0			0			0			0			0			0	

HLA specificities from users of both LABScreen & Lifecodes kits

	B38	B57	B58	B18	B49	B54	B55	B56	B35	B53	B59	Cw7	
Consensus		Present	Present		Not Assessed				Not Assessed			Not Assessed	**Number of Sepcifcities Present: 3**
% reported	0.0%	100.0%	100.0%	0.0%	25.0%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%	12.5%	**Number of Specificities Absent: 0**
													Number of Specifcies Not Assessed: 7

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24				B57	L	> 5000	B58	L	> 5000																								
25				B57	L	> 5000	B58	L	> 5000																								
34				B57	L	2000-5000	B58	L	2000-5000				B49	L	< 2000																		
48				B57	L	> 5000	B58	L	> 5000																								
58				B57	L	> 5000	B58	L	> 5000				B49	L	< 2000																		
186				B57	L	> 5000	B58	L	2000-5000																								
227				B57	L	> 5000	B58	L	> 5000																								
267				B57	L	< 2000	B58	L	< 2000													B35	L	< 2000							Cw7	L	2000-5000
Number reporting Sepcificity	0	< 2000		8	< 2000		8	< 2000		0	< 2000		2	< 2000		0	< 2000		0	< 2000		0	< 2000		1	< 2000		0	< 2000		0	< 2000		1	< 2000	
Total number of participants	8	0		8	1		8	1		8	0		8	2		8	0		8	0		8	0		8	1		8	0		8	0		8	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			1			2			0			0			0			0			0			0			0			0			1		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			6			5			0			0			0			0			0			0			0			0			0		

UKNEQAS for HISTOCOMPATIBILITY and IMMUNOGENETICS
UNITED KINGDOM EXTERNAL QUALITY ASSESSMENT SERVICE

UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION RESUTLS BY LUMINEX KIT(S) USED

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 305/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	A1	A2	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A36	A43	A80	B51	B5102	B52	B7	B703	B8	B13	B65
Consensus	Present	Absent	Present	Present	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed	Absent	Absent	Present	Not Assessed	Not Assessed	Present	Not Assessed	Present	Present	Not Assessed	Present	Present	Absent
% reported	82.2%	1.4%	90.4%	79.5%	23.3%	27.4%	37.0%	32.9%	34.2%	75.3%	39.7%	1.4%	2.7%	75.3%	43.8%	52.1%	90.4%	47.9%	84.9%	95.9%	5.5%	91.8%	80.8%	2.7%

HLA specificities from One Lambda kit users only

	A1	A2	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A36	A43	A80	B51	B5102	B52	B7	B703	B8	B13	B65
Consensus	Present	Absent	Present	Present	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed		Absent	Present	Not Assessed	Not Assessed	Present	Not Assessed	Present	Present		Present	Present	
% reported	96.2%	1.9%	92.5%	81.1%	11.3%	30.2%	41.5%	35.8%	37.7%	90.6%	34.0%	0.0%	1.9%	90.6%	50.9%	62.3%	96.2%	58.5%	98.1%	98.1%	0.0%	94.3%	92.5%	0.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
9	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L 2000-5000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
11	A1 L > 5000		A23 L < 2000	A24 L < 2000						A11 L 2000-5000				A36 L 2000-5000			B51 L > 5000	B5102 L > 5000	B52 L 2000-5000	B7 L > 5000		B8 L 2000-5000	B13 L > 5000	
12	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L 2000-5000,> 5000	
14	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000						A11 L 2000-5000				A36 L 2000-5000		A80 L < 2000	B51 L > 5000		B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
15	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000	A2403 L < 2000					A11 L < 2000	A29 L < 2000			A36 L < 2000	A43 L < 2000		B51 L > 5000		B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
19	A1 L 2000-5000		A23 L 2000-5000	A24 L < 2000,2000-5000	A2403 L < 2000												B51 L 2000-5000,> 5000	B5102 L 2000-5000	B52 L 2000-5000	B7 L > 5000		B8 L 2000-5000	B13 L < 2000,> 5000	
20	A1 L 2000-5000		A23 L < 2000	A24 L < 2000					A66 L < 2000	A11 L < 2000				A36 L < 2000	A43 L < 2000	A80 L < 2000	B51 L > 5000		B52 L 2000-5000	B7 L > 5000		B8 L 2000-5000	B13 L 2000-5000	
23	A1 L > 5000		A23 L 2000-5000	A24 L < 2000						A11 L 2000-5000				A36 L 2000-5000			B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
26	A1 L 2000-5000		A23 L < 2000											A36 L < 2000			B51 L 2000-5000	B5102 L > 5000	B52 L 2000-5000	B7 L > 5000		B8 L 2000-5000	B13 L > 5000	
28	A1 L > 5000		A23 L 2000-5000	A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L < 2000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L 2000-5000	B7 L > 5000		B8 L 2000-5000	B13 L 2000-5000	
35	A1 L		A23 L	A24 L						A11 L				A36 L		A80 L	B51 L		B52 L	B7 L		B8 L	B13 L	
38	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000	A2403 L < 2000					A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L 2000-5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
39	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L 2000-5000	A80 L 2000-5000	B51 L > 5000		B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
41	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000			A26 L 2000-5000	A34 L 2000-5000	A66 L 2000-5000	A11 L 2000-5000				A36 L 2000-5000	A43 L 2000-5000	A80 L 2000-5000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
42	A1 L > 5000		A23 L < 2000	A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L < 2000	A29 L < 2000			A36 L < 2000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L 2000-5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
45	A1 L		A23 L	A24 L	A2403 L					A11 L				A36 L			B51 L	B5102 L	B52 L	B7 L		B8 L	B13 L	
51	A1 L > 5000		A23 L 2000-5000	A24 L < 2000						A11 L < 2000				A36 L 2000-5000			B51 L > 5000	B5102 L > 5000	B52 L 2000-5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
54	A1 L > 5000		A23 L 2000-5000	A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
62	A1 L > 5000		A23 L 2000-5000							A11 L 2000-5000				A36 L 2000-5000			B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
114	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
116	A1 L > 5000		A23 L < 2000	A24 L < 2000						A11 L 2000-5000				A36 L 2000-5000		A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
117	A1 L > 5000		A23 L 2000-5000	A24 L < 2000		A25 E+L < 2000	A26 L < 2000	A34 E+L < 2000	A66 L < 2000	A11 E+L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 E+L < 2000	B51 L > 5000	B5102 L > 5000	B52 E+L 2000-5000	B7 E+L > 5000		B8 L > 5000	B13 L > 5000	
119	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000			A26 L < 2000		A66 L < 2000	A11 L 2000-5000				A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L	3B7 L > 5000		B8 L > 5000	B13 L 2000-5000,> 5000	
120	A1 L 2000-5000		A23 L < 2000							A11 L < 2000				A36 L < 2000			B51 L < 2000		B52 L < 2000	B7 L 2000-5000		B8 L < 2000	B13 L 2000-5000	
136	A1 L > 5000		A23 L 2000-5000	A24 L < 2000						A11 L 2000-5000				A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 C+L > 5000	
139	A1 L > 5000		A23 L 2000-5000	A24 L < 2000						A11 L 2000-5000				A36 L 2000-5000		A80 L < 2000	B51 L > 5000		B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
142			A23 L 2000-5000	A24 L < 2000						A11 L 2000-5000				A36 L 2000-5000			B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L 2000-5000,> 5000	
145	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000			A26 L < 2000			A11 L 2000-5000				A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L 2000-5000,> 5000	
147	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000			A26 L < 2000			A11 L 2000-5000				A36 L 2000-5000	A43 L < 2000	A80 L 2000-5000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
157	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000		A25 L < 2000	A26 L 2000-5000	A34 L 2000-5000	A66 L 2000-5000	A11 L 2000-5000	A29 L < 2000			A36 L > 5000	A43 L 2000-5000	A80 L 2000-5000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
159	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L 2000-5000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
162	A1 L		A23 L 2000-5000	A24 L < 2000						A11 L				A36 L		A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
164	A1 L > 5000		A23 L > 5000	A24 L 2000-5000			A26 L 2000-5000	A34 L 2000-5000		A11 L > 5000				A36 L > 5000	A43 L 2000-5000	A80 L 2000-5000	B51 L > 5000		B52 L > 5000	B7 L > 5000		B8 L > 5000		
165	A1 F+E+L > 5000		A23 F+L 2000-5000	A24 E+F+L < 2000		A25 E		A34 E		A11 C+F+L 2000-5000				A36 C+F+E+L 2000-5000		A80 F+E+L < 2000	B51 F+E+L > 5000		B52 F+E+L 2000-5000	B7 F+E+L > 5000		B8 F+L > 5000	B13 F+L > 5000	
169	A1 L 2000-5000																B51 L 2000-5000		B52 L 2000-5000	B7 L > 5000		B8 L 2000-5000	B13 L > 5000	
181	A1 L > 5000		A23 L 2000-5000	A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L < 2000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000		B52 L 2000-5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
190	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L 2000-5000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
193	A1 L > 5000		A23 L 2000-5000							A11 L 2000-5000				A36 L 2000-5000			B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
194	A1 L > 5000		A23 L 2000-5000	A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000		B52 C+L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
195	A1 L 2000-5000		A23 L < 2000							A11 L < 2000				A36 L < 2000			B51 L 2000-5000	B5102 L 2000-5000	B52 L 2000-5000	B7 L > 5000		B8 L 2000-5000	B13 L 2000-5000	
204	A1 L > 5000		A23 L 2000-5000	A24 L < 2000			A26 L < 2000		A66 L < 2000	A11 L 2000-5000				A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
206	A1 L > 5000		A23 L 2000-5000	A24 L < 2000						A11 L < 2000				A36 L 2000-5000			B51 L > 5000		B52 L 2000-5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
209	A1 L > 5000		A23 L 2000-5000	A24 L < 2000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000		B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
216																				B7 L > 5000				
232	A1 L > 5000		A23 L 2000-5000							A11 L < 2000				A36 L 2000-5000			B51 L > 5000		B52 L 2000-5000	B7 L > 5000		B8 L 2000-5000	B13 L 2000-5000	
235	A1 L																B51 L		B52 L	B7 L				
243	A1 L > 5000		A23 L > 5000	A24 L > 5000		A25 L 2000-5000	A26 L 2000-5000	A34 L 2000-5000	A66 L 2000-5000	A11 L > 5000	A29 L 2000-5000			A36 L > 5000	A43 L > 5000	A80 L > 5000	B51 L > 5000		B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
245	A1 L > 5000		A23 L 2000-5000	A24 L < 2000				A34 L < 2000	A66 L < 2000	A11 L 2000-5000				A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
271	A1 L > 5000		A23 L < 2000	A24 L < 2000						A11 L 2000-5000				A36 L 2000-5000			B51 L > 5000		B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
277	A1 L > 5000		A23 L < 2000	A24 L < 2000			A26 L < 2000			A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000		B52 L 2000-5000	B7 L > 5000		B8 L 2000-5000	B13 L > 5000	
284	A1 L > 5000		A23 L 2000-5000	A24 L < 2000						A11 L < 2000				A36 L 2000-5000		A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L 2000-5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
293	A1 L > 5000	A2 L 2000-5000								A11 L 2000-5000			A31 L > 5000						B52 L 2000-5000	B7 L > 5000				
303	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000						A11 L 2000-5000				A36 L 2000-5000			B51 L > 5000		B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
Number reporting Sepcificity	51 < 2000	1 < 2000	49 < 2000	43 < 2000	6 < 2000	16 < 2000	22 < 2000	19 < 2000	20 < 2000	48 < 2000	18 < 2000	0 < 2000	1 < 2000	48 < 2000	27 < 2000	33 < 2000	51 < 2000	31 < 2000	52 < 2000	52 < 2000	0 < 2000	50 < 2000	49 < 2000	0 < 2000
Total number of participants	53 0	53 0	53 8	53 22	53 5	53 13	53 17	53 13	53 16	53 11	53 16	53 0	53 0	53 6	53 21	53 23	53 1	53 0	53 1	53 0	53 0	53 1	53 0	53 0
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	6	1	35	15	0	1	4	4	3	30	1	0	0	34	4	7	3	2	17	1	0	8	5	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	39	0	2	1	0	0	0	0	0	2	0	0	1	3	1	1	42	26	28	47	0	37	40	0

HLA specificities from Lifecodes kit users only

	A1	A2	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A36	A43	A80	B51	B5102	B52	B7	B703	B8	B13	B65
Consensus	Not Assessed		Present	Present	Present					Not Assessed	Not Assessed						Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed	Present	Not Assessed	Not Assessed
% reported	10.0%	0.0%	100.0%	80.0%	90.0%	0.0%	0.0%	0.0%	0.0%	10.0%	70.0%	0.0%	0.0%	0.0%	0.0%	0.0%	60.0%	10.0%	20.0%	90.0%	40.0%	90.0%	30.0%	20.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
29			A23 L 2000-5000	A24 L 2000-5000	A2403 L 2000-5000						A29 L < 2000						B51 L < 2000		B52 L < 2000	B7 L > 5000	B703 L < 2000	B8 L 2000-5000	B13 L < 2000	B65 L < 2000
112			A23 L 2000-5000	A24 L < 2000	A2403 L 2000-5000					A11 L < 2000	A29 L < 2000									B7 L > 5000		B8 L 2000-5000		B65 L < 2000
149			A23 L 2000-5000	A24 L 2000-5000	A2403 L 2000-5000						A29 L < 2000						B51 L < 2000			B7 L > 5000		B8 L 2000-5000		
185	A1 L < 2000		A23 L < 2000		A2403 L < 2000												B51 L < 2000	B5102 L < 2000	B52 L < 2000	B7 L > 5000	B703 L < 2000	B8 L 2000-5000	B13 L < 2000	
218			A23 L < 2000	A24 L < 2000	A2403 L < 2000															B7 L 2000-5000		B8 L < 2000		
229			A23 L 2000-5000		A2403 L 2000-5000						A29 L < 2000													
238			A23 L 2000-5000	A24 L < 2000	A2403 L 2000-5000						A29 L < 2000						B51 L < 2000			B7 L 2000-5000	B703 L < 2000	B8 L 2000-5000		
262			A23 L 2000-5000	A24 L 2000-5000							A29 L < 2000									B7 L 2000-5000		B8 L < 2000		
268			A23 L > 5000	A24 L > 5000	A2403 L > 5000												B51 L 2000-5000			B7 L > 5000		B8 L > 5000		
297			A23 L 2000-5000	A24 L 2000-5000	A2403 L 2000-5000						A29 L < 2000						B51 L < 2000			B7 L > 5000	B703 L < 2000	B8 L 2000-5000	B13 L < 2000	
Number reporting Sepcificity	1 < 2000	0 < 2000	10 < 2000	8 < 2000	9 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	1 < 2000	7 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	6 < 2000	1 < 2000	2 < 2000	9 < 2000	4 < 2000	9 < 2000	3 < 2000	2 < 2000
Total number of participants	10 1	10 0	10 2	10 3	10 2	10 0	10 0	10 0	10 0	10 1	10 7	10 0	10 0	10 0	10 0	10 0	10 5	10 1	10 2	10 0	10 4	10 2	10 3	10 2
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	0	0	7	4	6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	6	0	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	1	0	0

HLA specificities from users of both LABScreen & Lifecodes kits

	A1	A2	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A36	A43	A80	B51	B5102	B52	B7	B703	B8	B13	B65
Consensus	Present		Present	Present	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed			Present	Not Assessed	Not Assessed	Present	Not Assessed	Present	Present		Present	Present	
% reported	87.5%	0.0%	87.5%	87.5%	25.0%	50.0%	62.5%	62.5%	62.5%	75.0%	50.0%	0.0%	0.0%	75.0%	62.5%	62.5%	100.0%	37.5%	87.5%	100.0%	0.0%	100.0%	87.5%	0.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
24	A1 L > 5000		A23 L < 2000	A24 L < 2000						A11 L < 2000				A36 L < 2000			B51 L > 5000		B52 L 2000-5000	B7 L > 5000		B8 L 2000-5000	B13 L > 5000	
25	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000				A36 L 2000-5000	A43 L 2000-5000	A80 L < 2000	B51 L > 5000		B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
34	A1 L 2000-5000		A23 L 2000-5000	A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L < 2000	A29 L < 2000			A36 L < 2000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L 2000-5000	B7 L > 5000		B8 L 2000-5000	B13 L 2000-5000,> 5000	
48	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000		A25 L < 2000	A26 L 2000-5000	A34 L 2000-5000	A66 L < 2000	A11 L 2000-5000				A36 L 2000-5000	A43 L 2000-5000	A80 L 2000-5000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 X > 5000		B8 L > 5000	B13 L > 5000	
58	A1 L > 5000		A23 L 2000-5000	A24 L < 2000			A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L < 2000	B51 L > 5000	B5102 L > 5000	B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
186	A1 L 2000-5000																B51 L > 5000		B52 L 2000-5000	B7 L > 5000		B8 L 2000-5000	B13 L > 5000	
227	A1 L > 5000		A23 L 2000-5000	A24 L 2000-5000		A25 L < 2000	A26 L < 2000	A34 L < 2000	A66 L < 2000	A11 L 2000-5000	A29 L < 2000			A36 L 2000-5000	A43 L < 2000	A80 L 2000-5000	B51 L > 5000		B52 L > 5000	B7 L > 5000		B8 L > 5000	B13 L > 5000	
267			A23 L 2000-5000	A24 L 2000-5000	A2403 L > 5000						A29 L > 5000						B51 L < 2000			B7 L > 5000		B8 L 2000-5000		
Number reporting Sepcificity	7 < 2000	0 < 2000	7 < 2000	7 < 2000	2 < 2000	4 < 2000	5 < 2000	5 < 2000	5 < 2000	6 < 2000	4 < 2000	0 < 2000	0 < 2000	6 < 2000	5 < 2000	5 < 2000	8 < 2000	3 < 2000	7 < 2000	8 < 2000	0 < 2000	8 < 2000	7 < 2000	0 < 2000
Total number of participants	8 0	8 0	8 1	8 3	8 1	8 4	8 4	8 4	8 5	8 2	8 3	8 0	8 0	8 2	8 3	8 3	8 1	8 0	8 0	8 0	8 0	8 0	8 0	8 0
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	2	0	6	4	0	0	1	1	0	4	0	0	0	4	2	2	0	0	3	0	0	4	0	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	5	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	7	3	4	8	0	4	7	0

UK NEQAS for HISTOCOMPATIBILITY and IMMUNOGENETICS
UNITED KINGDOM EXTERNAL QUALITY ASSESSMENT SERVICE

UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION **RESUTLS BY LUMINEX KIT(S) USED**

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 305/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	B62	B63	B75	B76	B38	B39	B3901	B57	B58	B18	B49	B50	B54	B55	B56	B27	B2708	B35	B37	B60	B61	B41	B42	B46	B48
Consensus	Present	Present	Not Assessed	Present	Present	Present	Not Assessed	Present	Present	Present	Not Assessed	Not Assessed	Present	Present	Present	Present	Not Assessed	Present	Present	Present	Present	Present	Present	Present	Present
% reported	89.0%	94.5%	47.9%	82.2%	84.9%	87.7%	41.1%	91.8%	86.3%	91.8%	19.2%	15.1%	97.3%	98.6%	97.3%	97.3%	64.4%	87.7%	84.9%	94.5%	93.2%	91.8%	97.3%	78.1%	78.1%

HLA specificities from One Lambda kit users only

	B62			B63			B75			B76			B38			B39			B3901			B57		
Consensus	Present			Present			Not Assessed			Present			Present			Present			Not Assessed			Present		
% reported	96.2%			96.2%			56.6%			92.5%			96.2%			90.6%			37.7%			100.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	B62	L	> 5000	B63	L	> 5000	B75	L	2000-5000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
11	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000				B3901	L	> 5000	B57	L	> 5000
12	B62	L	2000-5000	B63	L	> 5000	B75	L		B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
14	B62	L	> 5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
15	B62	L	> 5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
19	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	2000-5000	B39	L	2000-5000				B57	L	> 5000
20	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	< 2000	B38	L	2000-5000	B39	L	2000-5000				B57	L	> 5000
23	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
26	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	2000-5000	B39	L	> 5000				B57	L	> 5000
28	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
35	B62	L		B63	L					B76	L		B38	L		B39	L					B57	L	
38	B62	L	> 5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
39	B62	L	> 5000	B63	L	> 5000	B75	L	2000-5000	B76	L	> 5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
41	B62	L	> 5000	B63	L	> 5000	B75	L	2000-5000	B76	L	> 5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
42	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	2000-5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
45	B62	L		B63	L		B75	L		B76	L		B38	L		B39	L		B3901	L		B57	L	
51	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
54	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
62	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
114	B62	L	> 5000	B63	L	> 5000	B75	L	2000-5000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
116	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	> 5000				B3901	L	> 5000	B57	L	> 5000
117	B62	L	2000-5000	B63	E+L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	E+L	> 5000	B39	L	> 5000				B57	L	> 5000
119	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	> 5000				B3901	L	> 5000	B57	L	> 5000
120	B62	L	< 2000	B63	L	2000-5000				B76	L	< 2000	B38	L	< 2000	B39	L	< 2000				B57	L	2000-5000
136	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
139	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
142	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
145	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
147	B62	L	> 5000	B63	L	> 5000	B75	L	2000-5000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
157	B62	L	> 5000	B63	L	> 5000	B75	L	2000-5000	B76	L	> 5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
159	B62	L	> 5000	B63	L	> 5000	B75	L	2000-5000	B76	L	> 5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
162	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
164	B62	L	> 5000	B63	L	> 5000	B75	L	2000-5000	B76	L	> 5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
165	B62	F+L	2000-5000	B63	C+F+L	> 5000				B76	F+L	2000-5000	B38	F+L	2000-5000	B39	F+L	> 5000				B57	F+L	> 5000
169	B62	L	2000-5000	B63	L	> 5000							B38	L	2000-5000	B39	L	2000-5000				B57	L	> 5000
181	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
190	B62	L	> 5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
193	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
194	B62	L	2000-5000	B63	C+L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	C+L	> 5000
195	B62L		2000-5000	B63	L	> 5000				B76	L	< 2000	B38	L	2000-5000	B39	L	2000-5000				B57	L	> 5000
204	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
206	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
209	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
216																						B57	J	> 5000
232	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	2000-5000	B39	L	> 5000				B57	L	> 5000
235	B62	L		B63	L		B75	L					B38	L		B39	L					B57	L	
243	B62	L	> 5000	B63	L	> 5000	B75	L	2000-5000	B76	L	> 5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
245	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
271	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
277	B62	L	2000-5000	B63	L	> 5000				B76	L	< 2000	B38	L	2000-5000	B39	L	> 5000				B57	L	> 5000
284	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
293	B62	L	> 5000																			B57	L	> 5000
303	B62	L	< 2000	B63	L	> 5000				B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
Number reporting Sepcificity	51	< 2000		51	< 2000		30	< 2000		49	< 2000		51	< 2000		48	< 2000		20	< 2000		53	< 2000	
Total number of participants	53	2		53	0		53	17		53	4		53	1		53	1		53	0		53	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		32			1			8			35			9			4			0			1	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		13			45			0			6			36			39			17			47	

	B58			B18			B49			B50			B54			B55			B56			B27			B2708		
Consensus	Present			Present			Not Assessed			Not Assessed			Present			Present			Present			Present			Not Assessed		
% reported	96.2%			94.3%			22.6%			18.9%			98.1%			98.1%			98.1%			100.0%			62.3%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	B58	L	> 5000	B18	L	2000-5000	B49	L	< 2000	B50	L	< 2000	B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
11	B58	L	2000-5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
12	B58	L	> 5000	B18	L	2000-5000	B49	L	< 2000	B50	L	> 5000	B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
14	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
15	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
19	B58	L	2000-5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	2000-5000	B2708	L	2000-5000
20	B58	L	2000-5000	B18	L	< 2000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
23	B58	L	> 5000	B18	L	< 2000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
26	B58	L	2000-5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
28	B58	L	> 5000	B18	L	2000-5000	B49	L	< 2000	B50	L	< 2000	B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
35	B58	L		B18	L								B54	L		B55	L		B56	L		B27	L		B2708	L	
38	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
39	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
41	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
42	B58	L	2000-5000	B18	L	< 2000							B54	L	> 5000	B55	C+L	> 5000	B56	C+L	> 5000	B27	L	> 5000	B2708	L	> 5000
45	B58	L		B18	L								B54	L		B55	L		B56	L		B27	L		B2708	L	
51	B58	L	2000-5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
54	B58	L	> 5000	B18	L	2000-5000	B49	L	< 2000	B50	L	< 2000	B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
62	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
114	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
116	B58	L	2000-5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
117	B58	L	> 5000	B18	L	2000-5000							B54	E+L	> 5000	B55	E+L	> 5000	B56	E+L	> 5000	B27	E+L	> 5000	B2708	L	> 5000
119	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
120	B58	L	< 2000	B18	L	< 2000							B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	2000-5000			
136	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	C+L	> 5000	B56	C+L	> 5000	B27	L	> 5000	B2708	L	> 5000
139	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	C+L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
142	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
145	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
147	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	C+L	> 5000	B56	C+L	> 5000	B27	L	> 5000	B2708	L	> 5000
157	B58	L	> 5000	B18	L	> 5000	B49	L	< 2000	B50	L	< 2000	B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
159	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	C+L	> 5000	B56	C+L	> 5000	B27	L	> 5000	B2708	L	> 5000
162	B58	L	> 5000	B18	L	< 2000							B54	C+L	> 5000	B55	C+L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
164	B58	L	> 5000	B18	L	> 5000							B54	L		B55	C+L	> 5000	B56	L	> 5000	B27	L	> 5000			
165	B58	F+L	2000-5000	B18	F+L	< 2000							B54	F+E+L	> 5000	B55	F+E+L	> 5000	B56	F+E+L	> 5000	B27	F+E+L	> 5000			
169	B58	L	2000-5000										B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
181	B58	L	> 5000	B18	L	2000-5000	B49	L	< 2000	B50	L	< 2000	B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
190	B58	L	> 5000	B18	L	2000-5000	B49	L	< 2000				B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
193	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
194	B58	C+L	> 5000	B18	L	2000-5000	B49	C+L	< 2000	B50	C+L	< 2000	B54	L	> 5000	B55	C+L	> 5000	B56	C+L	> 5000	B27	L	> 5000			
195	B58	L	2000-5000	B18	L	< 2000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
204	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
206	B58	L	2000-5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
209	B58	L	> 5000	B18	L	2000-5000	B49	L	< 2000	B50	L	< 2000	B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
216													B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	2000-5000			
232	B58	L	2000-5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
235	B58	L					B49	L		B50	L		B54	L		B55	L		B56	L		B27	L				
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245	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
271	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
277	B58	L	2000-5000	B18	L	< 2000	B49	L	< 2000				B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
284	B58	L	2000-5000	B18	L	2000-5000							B54	L	> 5000	B55	C+L	> 5000	B56	C+L	> 5000	B27	L	> 5000	B2708	L	> 5000
293				B18	L	2000-5000																B27	L	> 5000			
303	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
Number reporting Sepcificity	51	< 2000		50	< 2000		12	< 2000		10	< 2000		52	< 2000		52	< 2000		52	< 2000		53	< 2000		33	< 2000	
Total number of participants	53	1		53	8		53	10		53	7		53	0		53	0		53	0		53	0		53	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		13			35			0			0			1			0			1			3			1	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		32			3			0			1			45			47			46			45			28	

	B35			B37			B60			B61			B41			B42			B46			B48		
Consensus	Present			Present			Present			Present			Present			Present			Present			Present		
% reported	92.5%			92.5%			96.2%			96.2%			94.3%			98.1%			94.3%			94.3%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	B35	L	2000-5000	B37	L	2000-5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
11	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
12	B35	L	2000-5000	B37	L	> 5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
14	B35	L	2000-5000	B37	L	2000-5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
15	B35	L	2000-5000	B37	L	> 5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
19	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	2000-5000,> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
20	B35	L	< 2000	B37	L	2000-5000	B60	L	2000-5000	B61	L	2000-5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
23	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
26	B35	L	< 2000	B37	L	2000-5000	B60	L	2000-5000	B61	L	2000-5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
28	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
35	B35	L		B37	L		B60	L		B61	L		B41	L		B42	L		B46	L		B48	L	
38	B35	L	2000-5000	B37	L	2000-5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	
39	B35	L	> 5000	B37	L	> 5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
41	B35	L	> 5000	B37	L	> 5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
42	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
45	B35	L		B37	L		B60	L		B61	L		B41	L		B42	L		B46	L		B48	L	
51	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
54	B35	L	2000-5000	B37	L	2000-5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
62	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
114	B35	L	2000-5000	B37	L	2000-5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
116	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
117	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	E+L	> 5000	B41	L	> 5000	B42	E+L	> 5000	B46	L	2000-5000	B48	L	2000-5000
119	B35	L	2000-5000	B37	L	> 5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
120	B35	L	< 2000	B37	L	< 2000	B60	L	< 2000	B61	L	< 2000	B41	L	2000-5000	B42	L	> 5000	B46	L	< 2000	B48	L	< 2000
136	B35	L	2000-5000	B37	C+L	2000-5000	B60	C+L	2000-5000	B61	C+L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
139	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
142	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	2000-5000,> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
145	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
147	B35	L	2000-5000	B37	L	2000-5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
157	B35	L	2000-5000	B37	L	> 5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
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162	B35	L	< 2000	B37	L	< 2000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
164	B35	L	> 5000	B37	L	> 5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
165	B35	F+L	< 2000	B37	F+L	2000-5000	B60	C+F+L	2000-5000	B61	F+L	> 5000	B41	F+L	> 5000	B42	F+E+L	> 5000	B46	F+L	2000-5000	B48	F+L	2000-5000
169							B60	L	2000-5000	B61	L	2000-5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
181	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
190	B35	L	2000-5000	B37	L	2000-5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
193	B35	L	2000-5000	B37	L	2000-5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
194	B35	L	2000-5000	B37	L	> 5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
195	B35	L	< 2000	B37	L	2000-5000	B60	L	2000-5000	B61	L	2000-5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	< 2000
204	B35	L	2000-5000	B37	L	2000-5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
206	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
209	B35	L	2000-5000	B37	L	> 5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
216																B42	L	> 5000						
232	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
235							B60	L		B61	L					B42	L							
243	B35	L	> 5000	B37	L	> 5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
245	B35	L	2000-5000	B37	L	2000-5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
271	B35	L	2000-5000	B37	L	> 5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
277	B35	L	< 2000	B37	L	< 2000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
284	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
293																								
303	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
Number reporting Sepcificity	49	< 2000		49	< 2000		51	< 2000		51	< 2000		50	< 2000		52	< 2000		50	< 2000		50	< 2000	
Total number of participants	53	7		53	3		53	1		53	1		53	0		53	0		53	1		53	2	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		33			30			27			4			1			0			15			29	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		5			12			18			41			45			47			30			14	

HLA specificities from Lifecodes kit users only

	B62			B63			B75			B76			B38			B39			B3901			B57		
Consensus	Not Assessed			Present						Not Assessed			Not Assessed			Present			Not Assessed			Not Assessed		
% reported	60.0%			90.0%			0.0%			30.0%			40.0%			90.0%			50.0%			50.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29	B62	L	2000-5000	B63	L	2000-5000				B76	L	< 2000	B38	L	< 2000	B39	L	2000-5000				B57	L	< 2000
112	B62	L	2000-5000	B63	L	2000-5000				B76	L	< 2000				B39	L	> 5000				B57	L	< 2000
149				B63	L	< 2000										B39	L	2000-5000	B3901	L	2000-5000			
185				B63	L	2000-5000							B38	L	< 2000	B39	L	2000-5000	B3901	L	2000-5000	B57	L	< 2000
218				B63	L	< 2000										B39	L	< 2000	B3901	L	< 2000			
229																			B3901	L	< 2000			
238	B62	L	< 2000	B63	L	< 2000							B38	L	< 2000	B39	L	2000-5000				B57	L	< 2000
262	B62	L	< 2000	B63	L	< 2000										B39	L	2000-5000						
268	B62	L	> 5000	B63	L	> 5000										B39	L	> 5000						
297	B62	L	< 2000	B63	L	2000-5000				B76	L	< 2000	B38	L	< 2000	B39	L	2000-5000	B3901	L	2000-5000	B57	L	< 2000
Number reporting Sepcificity	6	< 2000		9	< 2000		0	< 2000		3	< 2000		4	< 2000		9	< 2000		5	< 2000		5	< 2000	
Total number of participants	10	3		10	4		10	0		10	3		10	4		10	1		10	2		10	5	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		2			4			0			0			0			6			3			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		1			1			0			0			0			2			0			0	

	B58			B18			B49			B50			B54			B55			B56			B27			B2708		
Consensus	Not Assessed			Present									Present			Present			Present			Present			Present		
% reported	30.0%			90.0%			0.0%			0.0%			100.0%			100.0%			100.0%			90.0%			80.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29	B58	L	< 2000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	2000-5000	B27	L	2000-5000	B2708	L	< 2000
112				B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	2000-5000
149				B18	L	< 2000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	2000-5000	B2708	L	2000-5000
185				B18	L	< 2000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	2000-5000	B2708	L	2000-5000
218				B18	L	< 2000							B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	< 2000	B2708	L	< 2000
229													B54	L	2000-5000	B55	L	2000-5000	B56	L	2000-5000				B2708	L	< 2000
238	B58	L	< 2000	B18	L	< 2000							B54	L	> 5000	B55	L	> 5000	B56	L	2000-5000	B27	L	< 2000	B2708	L	< 2000
262				B18	L	< 2000							B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	< 2000			
268				B18	L	> 5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	2000-5000			
297	B58	L	< 2000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	2000-5000	B27	L	2000-5000	B2708	L	2000-5000
Number reporting Sepcificity	3	< 2000		9	< 2000		0	< 2000		0	< 2000		10	< 2000		10	< 2000		10	< 2000		9	< 2000		8	< 2000	
Total number of participants	10	3		10	5		10	0		10	0		10	0		10	0		10	0		10	3		10	4	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			3			0			0			3			1			6			5			4	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			1			0			0			7			9			4			1			0	

	B35			B37			B60			B61			B41			B42			B46			B48		
Consensus	Present			Not Assessed			Present			Present			Present			Present								
% reported	80.0%			50.0%			90.0%			80.0%			90.0%			100.0%			0.0%			0.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29	B35	L	< 2000	B37	L	< 2000	B60	L	2000-5000	B61	L	2000-5000	B41	L	2000-5000	B42	L	> 5000						
112	B35	L	2000-5000	B37	L	< 2000	B60	L	2000-5000	B61	L	> 5000	B41	L	2000-5000	B42	L	> 5000						
149	B35	L	< 2000	B37	L	< 2000	B60	L	2000-5000	B61	L	2000-5000	B41	L	2000-5000	B42	L	> 5000						
185							B60	L	< 2000	B61	L	2000-5000	B41	L	2000-5000	B42	C+L	> 5000						
218	B35	L	< 2000				B60	L	< 2000	B61	L	2000-5000	B41	L	< 2000	B42	L	> 5000						
229																B42	L	> 5000						
238	B35	L	< 2000				B60	L	2000-5000	B61	L	2000-5000	B41	L	2000-5000	B42	L	> 5000						
262	B35	L	< 2000				B60	L	< 2000				B41	L	2000-5000	B42	L	> 5000						
268	B35	L	< 2000	B37	L	< 2000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000						
297	B35	L	< 2000	B37	L	< 2000	B60	L	2000-5000	B61	L	2000-5000	B41	L	2000-5000	B42	L	> 5000						
Number reporting Sepcificity	8	< 2000		5	< 2000		9	< 2000		8	< 2000		9	< 2000		10	< 2000		0	< 2000		0	< 2000	
Total number of participants	10	7		10	5		10	3		10	0		10	1		10	0		10	0		10	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		1			0			5			6			7			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			1			2			1			10			0			0	

HLA specificities from users of both LABScreen & Lifecodes kits

	B62			B63			B75			B76			B38			B39			B3901			B57		
Consensus	Present			Present			Not Assessed			Present			Present			Present			Not Assessed			Present		
% reported	100.0%			100.0%			62.5%			100.0%			87.5%			75.0%			62.5%			100.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	2000-5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
25	B62	L	> 5000	B63	L	> 5000	B75	L	2000-5000	B76	L	> 5000	B38	L	> 5000				B3901	L	> 5000	B57	L	> 5000
34	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	2000-5000	B39	L	> 5000				B57	L	> 5000
48	B62	L	> 5000	B63	L	> 5000	B75	L	2000-5000	B76	L	> 5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
58	B62	L	2000-5000	B63	L	> 5000	B75	L	< 2000	B76	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000	B57	L	> 5000
186	B62	L	2000-5000	B63	L	> 5000				B76	L	2000-5000	B38	L	2000-5000	B39	L	> 5000				B57	L	> 5000
227	B62	L	> 5000	B63	L	> 5000	B75	L	2000-5000	B76	L	> 5000	B38	L	> 5000	B39	L	> 5000				B57	L	> 5000
267	B62	L	< 2000	B63	L	2000-5000				B76	L	< 2000							B3901	L	2000-5000	B57	L	< 2000
Number reporting Sepcificity	8	< 2000		8	< 2000		5	< 2000		8	< 2000		7	< 2000		6	< 2000		5	< 2000		8	< 2000	
Total number of participants	8	1		8	0		8	2		8	1		8	0		8	0		8	0		8	1	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		4			1			3			4			3			0			1			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		3			7			0			3			4			6			4			7	

	B58			B18			B49			B50			B54			B55			B56			B27			B2708		
Consensus	Present			Present			Not Assessed			Not Assessed			Present			Present			Present			Present			Present		
% reported	100.0%			100.0%			12.5%			12.5%			100.0%			100.0%			100.0%			100.0%			75.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24	B58	L	2000-5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
25	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
34	B58	L	2000-5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
48	B58	L	> 5000	B18	L	> 5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
58	B58	L	> 5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
186	B58	L	2000-5000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000			
227	B58	L	> 5000	B18	L	2000-5000	B49	L	< 2000	B50	L	< 2000	B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B2708	L	> 5000
267	B58	L	< 2000	B18	L	2000-5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	2000-5000	B2708	L	2000-5000
Number reporting Sepcificity	8	< 2000		8	< 2000		1	< 2000		1	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		6	< 2000	
Total number of participants	8	1		8	0		8	1		8	1		8	0		8	0		8	0		8	0		8	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		3			7			0			0			0			0			0			1			1	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		4			1			0			0			8			8			8			7			5	

	B35			B37			B60			B61			B41			B42			B46			B48		
Consensus	Present			Present			Present			Present			Present			Present			Present			Present		
% reported	87.5%			100.0%			100.0%			100.0%			100.0%			100.0%			87.5%			87.5%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24	B35	L	< 2000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
25	B35	L	2000-5000	B37	L	> 5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000,> 5000
34	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	2000-5000,> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
48	B35	L	> 5000	B37	L	> 5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
58	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	2000-5000
186				B37	L	2000-5000	B60	L	2000-5000	B61	L	2000-5000	B41	L	> 5000	B42	L	> 5000	B46	L	2000-5000	B48	L	2000-5000
227	B35	L	2000-5000	B37	L	> 5000	B60	L	> 5000	B61	L	> 5000	B41	L	> 5000	B42	L	> 5000	B46	L	> 5000	B48	L	> 5000
267	B35	L	2000-5000	B37	L	2000-5000	B60	L	2000-5000	B61	L	2000-5000	B41	L	2000-5000	B42	L	> 5000						
Number reporting Sepcificity	7	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		7	< 2000		7	< 2000	
Total number of participants	8	1		8	0		8	0		8	0		8	0		8	0		8	0		8	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		5			5			5			2			1			0			3			4	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		1			3			3			6			7			8			4			3	

UKNEQAS for HISTOCOMPATIBILITY and IMMUNOGENETICS
UNITED KINGDOM EXTERNAL QUALITY ASSESSMENT SERVICE

UK NEQAS FOR H&I SCHEME 3 - HLA ANTIBODY IDENTIFICATION RESUTLS BY LUMINEX KIT(S) USED

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 305/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificities from all participants

	B53	B59	B67	B71	B72	B73	B78	B81	B82	Cw1	Cw9	Cw10	Cw5	Cw6	Cw7	Cw8	Cw12	Cw14	Cw15	Cw17	Cw18
Consensus	Not Assessed	Present	Present	Present	Not Assessed	Present	Present	Present	Present	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Absent	Absent	Present	Not Assessed	Not Assessed
% reported	69.9%	79.5%	82.2%	76.7%	57.5%	83.6%	94.5%	95.9%	95.9%	6.8%	67.1%	71.2%	11.0%	31.5%	5.5%	16.4%	4.1%	4.1%	83.6%	23.3%	9.6%

Number of Sepcifcities Present: 38
Number of Specificites Absent: 6
Number of Specifcies Not Assessed: 26

HLA specificities from One Lambda kit users only

	B53			B59			B67			B71			B72			B73			B78		
Consensus	Present			Present			Present			Present			Not Assessed			Present			Present		
% reported	81.1%			96.2%			98.1%			92.5%			67.9%			94.3%			96.2%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
11	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000				B73	L	2000-5000	B78	L	> 5000
12	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	2000-5000	B73	L	> 5000	B78	L	> 5000
14	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
15	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	2000-5000	B73	L	2000-5000	B78	L	> 5000
19	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000	B72	L	< 2000	B73	L	2000-5000	B78	L	> 5000
20	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000	B72	L	< 2000	B73	L	2000-5000	B78	L	2000-5000
23				B59	L	> 5000	B67	L	> 5000	B71	L	> 5000				B73	L	> 5000	B78	L	> 5000
26	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000				B73	L	2000-5000	B78	L	> 5000
28	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000	B72	L	< 2000	B73	L	2000-5000	B78	L	> 5000
35	B53	L		B59	L		B67	L		B71	L		B72	L		B73	L		B78	L	
38	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
39	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	2000-5000	B73	L	> 5000	B78	L	> 5000
41	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	2000-5000	B73	L	> 5000	B78	L	> 5000
42	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000	B72	L	< 2000	B73	L	2000-5000	B78	L	> 5000
45	B53	L		B59	L		B67	L		B71	L		B72	L		B73	L		B78	L	
51	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000	B72	L	< 2000	B73	L	2000-5000	B78	L	> 5000
54	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
62	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000				B73	L	> 5000	B78	L	> 5000
114	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
116	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000				B73	L	> 5000	B78	L	> 5000
117	B53	L	< 2000	B59	L	> 5000	B67	E+L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
119	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000				B73	L	> 5000	B78	L	> 5000
120				B59	L	< 2000	B67	L	2000-5000	B71	L	< 2000				B73	L	< 2000	B78	L	< 2000
136	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
139	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
142	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
145	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
147	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
157	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	2000-5000	B73	L	> 5000	B78	L	> 5000
159	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	2000-5000	B73	L	> 5000	B78	L	> 5000
162	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000				B73	L	> 5000	B78	L	> 5000
164	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000				B72	L	2000-5000	B73	L	> 5000	B78	L	> 5000
165	B53	C+F		B59	F+L	> 5000	B67	F+E+L	> 5000	B71	C+F+L	> 5000	B72	C+F+L	< 2000	B73	F+L	> 5000	B78	L	> 5000
169				B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000				B73	L	2000-5000	B78	L	2000-5000
181	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	2000-5000	B78	L	> 5000
190	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
193				B59	L	> 5000	B67	L	> 5000	B71	L	> 5000				B73	L	> 5000	B78	L	> 5000
194	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
195				B59	L	2000-5000	B67	L	> 5000	B71	L	2000-5000				B73	L	2000-5000	B78	L	2000-5000
204	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
206	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000	B72	L	< 2000	B73	L	2000-5000	B78	L	> 5000
209	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
216							B67	L	> 5000												
232				B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000				B73	L	2000-5000	B78	L	> 5000
235				B59	L		B67	L											B78	L	
243	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	2000-5000	B73	L	> 5000	B78	L	> 5000
245	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
271	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000				B73	L	> 5000	B78	L	> 5000
277	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
284	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	2000-5000	B73	L	> 5000	B78	L	> 5000
293																					
303				B59	L	> 5000	B67	L	> 5000	B71	L	> 5000				B73	L	> 5000	B78	L	> 5000
Number reporting Sepcificity	43	< 2000		51	< 2000		52	< 2000		49	< 2000		36	< 2000		50	< 2000		51	< 2000	
Total number of participants	53	19		53	1		53	0		53	1		53	24		53	1		53	1	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		19			1			1			11			9			12			3	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			44			46			33			0			33			42	

	B81			B82			Cw1			Cw9			Cw10			Cw5			Cw6		
Consensus	Present			Present			Not Assessed			Present			Present			Not Assessed			Not Assessed		
% reported	98.1%			98.1%			9.4%			81.1%			86.8%			13.2%			35.8%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	B81	L	> 5000	B82	L	> 5000	Cw1	L	< 2000	Cw9	L	2000-5000	Cw10	L	2000-5000	Cw5	L	< 2000	Cw6	L	< 2000
11	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
12	B81	L	> 5000	B82	L	> 5000	Cw1	L	> 5000	Cw9	L	2000-5000	Cw10	L	2000-5000	Cw5	L	< 2000	Cw6	L	< 2000
14	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
15	B81	L	> 5000	B82	L	> 5000				Cw9	L	< 2000	Cw10	L	< 2000						
19	B81	L	> 5000	B82	L	> 5000															
20	B81	L	> 5000	B82	L	> 5000				Cw9	L	< 2000	Cw10	L	< 2000						
23	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
26	B81	L	> 5000	B82	L	> 5000															
28	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000				Cw6	L	< 2000
35	B81	L		B82	L					Cw9	L		Cw10	L							
38	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000				Cw6	L	< 2000
39	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000	Cw5	L	< 2000	Cw6	L	< 2000
41	B81	L	> 5000	B82	L	> 5000	Cw1	L	2000-5000	Cw9	L	2000-5000	Cw10	L	> 5000	Cw5	L	2000-5000	Cw6	L	2000-5000
42	B81	L	> 5000	B82	L	> 5000				Cw9	L	< 2000	Cw10	L	< 2000				Cw6	L	< 2000
45	B81	L		B82	L					Cw9	L		Cw10	L							
51	B81	L	> 5000	B82	L	> 5000				Cw9	L	< 2000	Cw10	L	2000-5000						
54	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000				Cw6	L	< 2000
62	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
114	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000				Cw6	L	< 2000
116	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
117	B81	E+L	> 5000	B82	L	> 5000				Cw9	L	< 2000	Cw10	L	2000-5000				Cw6	L	< 2000
119	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000				Cw6	L	< 2000
120	B81	L	2000-5000	B82	L	2000-5000							Cw10	L	< 2000						
136	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
139	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
142	B81	L	> 5000	B82	L	> 5000															
145	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
147	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
157	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000				Cw6	L	< 2000
159	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000				Cw6	L	< 2000
162	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
164	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000				Cw6	L	2000-5000
165	B81	F+E+L	> 5000	B82	F+E+L	> 5000							Cw10	L	< 2000						
169	B81	L	> 5000	B82	L	> 5000															
181	B81	L	> 5000	B82	L	> 5000				Cw9	L	< 2000	Cw10	L	< 2000				Cw6	L	< 2000
190	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000				Cw6	L	< 2000
193	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
194	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000	Cw5	L	< 2000	Cw6	L	< 2000
195	B81	L	> 5000	B82	L	> 5000				Cw9	L	< 2000	Cw10	L	< 2000						
204	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
206	B81	L	> 5000	B82	L	> 5000				Cw9	L	< 2000	Cw10	L	2000-5000						
209	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000	Cw5	L	< 2000	Cw6	L	< 2000
216	B81	L	> 5000	B82	L	> 5000															
232	B81	L	> 5000	B82	L	> 5000															
235	B81	L		B82	L																
243	B81	L	> 5000	B82	L	> 5000	Cw1	L	< 2000	Cw9	L	> 5000	Cw10	L	> 5000	Cw5	L	2000-5000	Cw6	L	2000-5000
245	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
271	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
277	B81	L	> 5000	B82	L	> 5000				Cw9	L	< 2000	Cw10	L	< 2000						
284	B81	L	> 5000	B82	L	> 5000				Cw9	L	< 2000	Cw10	L	< 2000						
293							Cw1	L	> 5000				Cw10	L	> 5000						
303	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
Number reporting Sepcificity	52	< 2000		52	< 2000		5	< 2000		43	< 2000		46	< 2000		7	< 2000		19	< 2000	
Total number of participants	53	0		53	0		53	1		53	10		53	9		53	4		53	15	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		1			1			1			28			30			2			3	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		46			46			2			1			3			0			0	

	Cw7			Cw8			Cw12			Cw14			Cw15			Cw17			Cw18		
Consensus	Absent			Not Assessed			Not Assessed			Absent			Present			Not Assessed			Not Assessed		
% reported	1.9%			20.8%			5.7%			3.8%			90.6%			28.3%			9.4%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9				Cw8	L	< 2000	Cw12	L	< 2000				Cw15	L	> 5000	Cw17	L	< 2000	Cw18	L	< 2000
11													Cw15	L	> 5000						
12				Cw8	L	< 2000							Cw15	L	> 5000	Cw17	L	< 2000	Cw18	L	< 2000
14													Cw15	L	> 5000						
15													Cw15	L	> 5000						
19													Cw15	L	> 5000						
20													Cw15	L	> 5000	Cw17	L	< 2000			
23													Cw15	L	> 5000						
26													Cw15	L	> 5000						
28				Cw8	L	< 2000							Cw15	L	> 5000	Cw17	L	< 2000			
35													Cw15	L							
38													Cw15	L	> 5000						
39				Cw8	L	< 2000							Cw15	L	> 5000	Cw17	L	< 2000			
41	Cw7	L		Cw8	L	2000-5000	Cw12	L	2000-5000	Cw14	L	2000-5000	Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
42				Cw8	L	< 2000							Cw15	L	> 5000						
45													Cw15	L							
51													Cw15	L	> 5000						
54													Cw15	L	> 5000	Cw17	L	< 2000			
62													Cw15	L	> 5000						
114													Cw15	L	> 5000	Cw17	L	< 2000			
116													Cw15	L	> 5000						
117													Cw15	L	> 5000						
119													Cw15	L	> 5000	Cw17	L	< 2000			
120													Cw15	L	2000-5000						
136													Cw15	L	> 5000						
139													Cw15	L	> 5000						
142																					
145													Cw15	L	> 5000						
147													Cw15	L	> 5000						
157				Cw8	L	< 2000							Cw15	L	> 5000	Cw17	L	2000-5000			
159													Cw15	L	> 5000	Cw17	L	< 2000			
162													Cw15	L	> 5000						
164																					
165													Cw15	L	> 5000						
169													Cw15	L	> 5000						
181				Cw8	L	< 2000							Cw15	L	> 5000						
190													Cw15	L	> 5000						
193													Cw15	L	> 5000						
194				Cw8	L	< 2000							Cw15	L	> 5000	Cw17	L	< 2000	Cw18	L	< 2000
195													Cw15	L	> 5000						
204													Cw15	L	> 5000	Cw17	L	< 2000			
206													Cw15	L	> 5000						
209				Cw8	L	< 2000							Cw15	L	> 5000	Cw17	L	< 2000			
216																					
232													Cw15	L	> 5000						
235																					
243				Cw8	L	2000-5000	Cw12	L	< 2000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	< 2000
245													Cw15	L	> 5000						
271													Cw15	L	> 5000						
277													Cw15	L	> 5000						
284													Cw15	L	> 5000						
293										Cw14	L	2000-5000									
303													Cw15	L	> 5000						
Number reporting Sepcificity	1	< 2000		11	< 2000		3	< 2000		2	< 2000		48	< 2000		15	< 2000		5	< 2000	
Total number of participants	53	0		53	8		53	1		53	0		53	0		53	11		53	3	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			2			1			2			1			3			1	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			43			0			0	

Number of Sepcifcities Present: 41
Number of Specificites Absent: 4
Number of Specifcies Not Assessed: 22

HLA specificities from Lifecodes kit users only

	B53			B59			B67			B71			B72			B73			B78		
Consensus	Not Assessed												Not Assessed			Not Assessed			Present		
% reported	20.0%			0.0%			0.0%			0.0%			10.0%			30.0%			100.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29	B53	L	< 2000										B72	L	< 2000				B78	L	2000-5000
112																B73	L	< 2000	B78	L	> 5000
149																B73	L	< 2000	B78	L	2000-5000
185																			B78	L	2000-5000
218																			B78	L	< 2000
229																			B78	L	< 2000
238																			B78	L	2000-5000
262																			B78	L	2000-5000
268																			B78	L	> 5000
297	B53	L	< 2000													B73	L	< 2000	B78	L	2000-5000
Number reporting Sepcificity	2	< 2000		0	< 2000		0	< 2000		0	< 2000		1	< 2000		3	< 2000		10	< 2000	
Total number of participants	10	2		10	0		10	0		10	0		10	1		10	3		10	2	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			0			0			0			0			0			6	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			0			2	

	B81			B82			Cw1			Cw9			Cw10			Cw5			Cw6		
Consensus	Present			Present																	
% reported	90.0%			100.0%			0.0%			0.0%			0.0%			0.0%			0.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29	B81	L	> 5000	B82	L	> 5000															
112	B81	L	> 5000	B82	L	> 5000															
149	B81	L	> 5000	B82	L	> 5000															
185	B81	L	> 5000	B82	L	> 5000															
218	B81	L	2000-5000	B82	L	2000-5000															
229				B82	L	2000-5000															
238	B81	L	> 5000	B82	L	> 5000															
262	B81	L	2000-5000	B82	L	> 5000															
268	B81	L	> 5000	B82	L	> 5000															
297	B81	L	> 5000	B82	L	> 5000															
Number reporting Sepcificity	9	< 2000		10	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000	
Total number of participants	10	0		10	0		10	0		10	0		10	0		10	0		10	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		2			2			0			0			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		7			8			0			0			0			0			0	

	Cw7			Cw8			Cw12			Cw14			Cw15			Cw17			Cw18		
Consensus	Not Assessed												Not Assessed						Not Assessed		
% reported	20.0%			0.0%			0.0%			0.0%			60.0%			0.0%			10.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29	Cw7	L	< 2000										Cw15	L	< 2000				Cw18	L	< 2000
112													Cw15	L	< 2000						
149													Cw15	L	< 2000						
185													Cw15	L	< 2000						
218																					
229																					
238													Cw15	L	< 2000						
262																					
268																					
297	Cw7	L	< 2000										Cw15	L	< 2000						
Number reporting Sepcificity	2	< 2000		0	< 2000		0	< 2000		0	< 2000		6	< 2000		0	< 2000		1	< 2000	
Total number of participants	10	2		10	0		10	0		10	0		10	6		10	0		10	1	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			0			0			0			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			0			0	

Number of Sepcifcities Present: 21
Number of Specificites Absent: 0
Number of Specifcies Not Assessed: 22

HLA specificities from users of both LABScreen & Lifecodes kits

	B53			B59			B67			B71			B72			B73			B78		
Consensus	Present			Present			Present			Present			Not Assessed			Present			Present		
% reported	75.0%			87.5%			87.5%			87.5%			62.5%			100.0%			100.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000				B73	L	2000-5000	B78	L	> 5000
25	B53	L		B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	2000-5000	B73	L	> 5000	B78	L	> 5000
34	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000	B72	L	< 2000	B73	L	2000-5000	B78	L	> 5000
48	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	2000-5000	B73	L	> 5000	B78	L	> 5000
58	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	< 2000	B73	L	> 5000	B78	L	> 5000
186				B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000				B73	L	> 5000	B78	L	> 5000
227	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	> 5000	B72	L	2000-5000	B73	L	> 5000	B78	L	> 5000
267																B73	L	< 2000	B78	L	2000-5000
Number reporting Sepcificity	6	< 2000		7	< 2000		7	< 2000		7	< 2000		5	< 2000		8	< 2000		8	< 2000	
Total number of participants	8	2		8	0		8	0		8	0		8	2		8	1		8	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		3			0			0			3			3			2			1	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			7			7			4			0			5			7	

	B81			B82			Cw1			Cw9			Cw10			Cw5			Cw6		
Consensus	Present			Present						Present			Present			Not Assessed			Not Assessed		
% reported	100.0%			87.5%			0.0%			75.0%			75.0%			12.5%			50.0%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24	B81	L	> 5000	B82	L	> 5000				Cw9	L	< 2000	Cw10	L	< 2000						
25	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000						
34	B81	L	> 5000	B82	L	> 5000				Cw9	L	< 2000	Cw10	L	< 2000				Cw6	L	< 2000
48	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000				Cw6	L	2000-5000
58	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000				Cw6	L	< 2000
186	B81	L	> 5000	B82	L	> 5000															
227	B81	L	> 5000	B82	L	> 5000				Cw9	L	2000-5000	Cw10	L	2000-5000	Cw5	L	< 2000	Cw6	L	< 2000
267	B81	L	> 5000																		
Number reporting Sepcificity	8	< 2000		7	< 2000		0	< 2000		6	< 2000		6	< 2000		1	< 2000		4	< 2000	
Total number of participants	8	0		8	0		8	0		8	2		8	2		8	1		8	3	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			0			0			4			4			0			1	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		8			7			0			0			0			0			0	

	Cw7			Cw8			Cw12			Cw14			Cw15			Cw17			Cw18		
Consensus	Not Assessed			Not Assessed						Not Assessed			Present			Not Assessed			Not Assessed		
% reported	12.5%			12.5%			0.0%			12.5%			87.5%			25.0%			12.5%		
Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24													Cw15	L	> 5000						
25													Cw15	L	> 5000						
34													Cw15	L	> 5000						
48													Cw15	L	> 5000	Cw17	L	2000-5000			
58													Cw15	L	> 5000						
186																					
227				Cw8	L	< 2000							Cw15	L	> 5000	Cw17	L	< 2000			
267	Cw7	L	2000-5000							Cw14	L	< 2000	Cw15	L	< 2000				Cw18	L	< 2000
Number reporting Sepcificity	1	< 2000		1	< 2000		0	< 2000		1	< 2000		7	< 2000		2	< 2000		1	< 2000	
Total number of participants	8	0		8	1		8	0		8	1		8	1		8	1		8	1	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		1			0			0			0			0			1			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			6			0			0	

Number of Sepcifcities Present: 42
Number of Specificites Absent: 0
Number of Specifcies Not Assessed: 21