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 306/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from One Lambda kit users only

	A23	A24	A2403	A25	A26	A34	A66	B7	B703	B13	B62	B39	B55	B56	B27	B2708
Consensus	Absent	Absent	Absent	Absent	Absent	Not Assessed	Present	Present	Absent	Present	Absent	Absent	Absent	Absent	Present	Not Assessed
% reported	2.7%	1.3%	1.3%	1.3%	2.7%	57.3%	94.7%	85.3%	4.0%	77.3%	1.3%	4.0%	4.0%	1.3%	92.0%	56.0%

HLA specificities from One Lambda kit users only

	A23			A24			A2403			A25			A26			A34			A66			B7			B703			B13			B62			B39			B55			B56			B27			B2708		
Consensus																Not Assessed			Present			Present						Present						Absent			Not Assessed			Absent			Present			Not Assessed		
% reported	0.0%			0.0%			0.0%			0.0%			0.0%			66.7%			96.1%			90.2%			0.0%			88.2%			0.0%			2.0%			5.9%			2.0%			96.1%			56.9%		
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																A34	L	2000-5000	A66	L	2000-5000	B7	L	2000-5000				B13	L	2000-5000							B55	L	< 2000	B56	L	< 2000	B27	L	2000-5000	B2708	L	2000-5000
11																			A66	L	2000-5000	B7	L	< 2000																			B27	L	< 2000	B2708	L	< 2000
12																A34	L	2000-5000	A66	L	> 5000	B7	L	2000-5000				B13	L	< 2000													B27	L	2000-5000	B2708	L	2000-5000
14																			A66	L	2000-5000	B7	L	< 2000				B13	L	< 2000													B27	L	2000-5000	B2708	L	2000-5000
15																A34	L	< 2000	A66	L	> 5000	B7	L	< 2000																			B27	L	< 2000	B2708	L	< 2000
19																A34	L	2000-5000	A66	L	> 5000	B7	L	2000-5000				B13	L	< 2000													B27	L	2000-5000	B2708	L	2000-5000
20																A34	L	2000-5000	A66	L	> 5000	B7	L	< 2000				B13	L	< 2000													B27	L	2000-5000	B2708	L	2000-5000
23																A34	L	< 2000	A66	L	< 2000	B7	L	2000-5000				B13	L	< 2000													B27	L	2000-5000	B2708	L	2000-5000
26																			A66	L	2000-5000																											
35																A34	L	< 2000	A66	L	2000-5000	B7	L	2000-5000				B13	L	2000-5000							B55	L	< 2000				B27	L	2000-5000	B2708	L	2000-5000
38																			A66	L	2000-5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000	B2708	L	2000-5000
39																A34	L	< 2000	A66	L	2000-5000	B7	L	< 2000				B13	L	< 2000													B27	L	2000-5000			
41																			A66	L	2000-5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000			
42																A34	L	2000-5000	A66	L	> 5000	B7	L	< 2000				B13	L	< 2000							B55	L	< 2000				B27	L	2000-5000	B2708	L	2000-5000
45																			A66	L	2000-5000																											
51																A34	L	< 2000	A66	L	2000-5000	B7	L	< 2000				B13	L	< 2000													B27	L	< 2000			
54																A34	L	< 2000	A66	L	2000-5000	B7	L	< 2000				B13	L	< 2000													B27	L	< 2000	B2708	L	2000-5000
62																			A66	L	2000-5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000			
114																A34	L	< 2000	A66	L	2000-5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	> 5000	B2708	L	> 5000
116																			A66	L	> 5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000	B2708	L	2000-5000
117																A34	E+L	< 2000	A66	L	2000-5000							B13	E+L	< 2000													B27	L	< 2000	B2708	L	< 2000
119																			A66	L	2000-5000	B7	L	2000-5000				B13	L	1, 2													B27	L	2000-5000	B2708	L	2000-5000
120																A34	L	< 2000	A66	L	2000-5000	B7	L	< 2000				B13	L	< 2000													B27	L	< 2000			
136																A34	L	2000-5000	A66	L	> 5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000	B2708	L	2000-5000
139																A34	L	2000-5000	A66	L	2000-5000	B7	L	2000-5000				B13	L	< 2000													B27	L	2000-5000	B2708	L	2000-5000
142																A34	L	< 2000	A66	L	2000-5000	B7	L	< 2000				B13	L	< 2000													B27	L	< 2000			
143																A34	L	< 2000	A66	L	2000-5000	B7	L	< 2000				B13	L	< 2000													B27	L	2000-5000			
145																			A66	L	2000-5000	B7	L	< 2000				B13	L	< 2000													B27	L	2000-5000	B2708	L	2000-5000
147																A34	L	2000-5000	A66	L	> 5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000	B2708	L	2000-5000
157																A34	L	< 2000	A66	L	2000-5000	B7	L	2000-5000				B13	L	< 2000													B27	L	2000-5000	B2708	L	2000-5000
159																A34	L	2000-5000	A66	L	2000-5000	B7	L	2000-5000				B13	L	< 2000													B27	L	2000-5000			
162																A34	L	< 2000	A66	L	2000-5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000	B2708	L	2000-5000
164																			A66	L	2000-5000																						B27	L	2000-5000			
165																			A66	F+L	> 5000	B7	F+L	2000-5000				B13	F+E+L	2000-5000													B27	F+E+L	2000-5000			
169																A34	L	< 2000	A66	L	2000-5000	B7	L	2000-5000				B13	L	< 2000													B27	L	2000-5000	B2708	L	2000-5000
181																A34	L	< 2000	A66	L	> 5000	B7	L	< 2000				B13	L	< 2000													B27	L	2000-5000	B2708	L	2000-5000
190																			A66	L	2000-5000	B7	L	2000-5000				B13	L	< 2000													B27	L	2000-5000	B2708	L	2000-5000
193																A34	L	< 2000	A66	L	2000-5000	B7	L	2000-5000				B13	L	< 2000													B27	L	2000-5000	B2708	L	2000-5000
194																A34	L	2000-5000	A66	L	> 5000	B7	L	2000-5000				B13	L	< 2000													B27	L	2000-5000			
195																A34	L	2000-5000	A66	L	> 5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000			
206																A34	L	2000-5000	A66	L	> 5000	B7	L	< 2000				B13	L	< 2000													B27	L	2000-5000			
209																A34	L	2000-5000	A66	L	> 5000	B7	L	< 2000				B13	L	< 2000													B27	L	< 2000			
216																						B7	L	< 2000				B13	L	< 2000				B39	L	< 2000							B27	L	2000-5000			
232																A34	L	2000-5000	A66	L	2000-5000	B7	L	< 2000				B13	L	< 2000													B27	L	2000-5000			
235																																											B27	L				
243																			A66	L	< 2000	B7	L	2000-5000				B13	L	< 2000													B27	L	2000-5000			
245																A34	L	2000-5000	A66	L	> 5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000	B2708	L	2000-5000
277																			A66	L	< 2000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000	B2708	L	2000-5000
284																A34	L	< 2000	A66	L	2000-5000	B7	L	< 2000				B13	L	< 2000													B27	L	< 2000	B2708	L	< 2000
303																A34	L	< 2000	A66	L	2000-5000	B7	L	2000-5000				B13	L	< 2000													B27	L	2000-5000			
311																A34	L	2000-5000	A66	L	> 5000	B7	L	< 2000				B13	L	< 2000													B27	L	2000-5000			
Number	0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		34	< 2000		49	< 2000		46	< 2000		0	< 2000		45	< 2000		0	< 2000		1	< 2000		3	< 2000		1	< 2000		49	< 2000		29	< 2000	
Total number	51	0		51	0		51	0		51	0		51	0		51	18		51	3		51	19		51	0		51	30		51	0		51	1		51	3		51	1		51	9		51	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			0			0			0			16			30			27			0			14			0			0			0			0			38			24		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000		
		0			0			0			0			0			0			16			0			0			0			0			0			0			0			1			1		

HLA specificities from Lifecodes kit users only

	A23			A24			A2403			A25			A26			A34			A66			B7			B703			B13			B62			B39			B55			B56			B27			B2708		
Consensus	Not Assessed			Not Assessed						Not Assessed			Not Assessed						Present			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed									Present			Not Assessed		
% reported	16.7%			8.3%			8.3%			8.3%			16.7%			0.0%			91.7%			66.7%			25.0%			33.3%			8.3%			16.7%			0.0%			0.0%			83.3%			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	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				A25	L	< 2000	A26	L	< 2000				A66	L	< 2000	B7	L	< 2000				B13	L	< 2000	B62	L	< 2000	B39	L	< 2000							B27	L	< 2000			
100																			A66	L	2000-5000	B7	L	< 2000	B703	L	< 2000	B13	L	< 2000													B27	L	< 2000	B2708	L	< 2000
112																			A66	L	< 2000																						B27	L	< 2000			
149																			A66	L	< 2000	B7	L	< 2000				B13	L	< 2000													B27	L	< 2000	B2708	L	< 2000
185																			A66	L	< 2000	B7	L	< 2000	B703	L	< 2000	B13	L	< 2000				B39	L	< 2000							B27	L	< 2000	B2708	L	< 2000
218																			A66	L	2000-5000	B7	L	2000-5000																									
229							A2403	L	< 2000																																		B27	L	< 2000			
238	A23	L	< 2000																A66	L	2000-5000	B7	L	< 2000																			B27	L	< 2000	B2708	L	< 2000
262																			A66	L	< 2000																						B27	L	< 2000			
268													A26	L	< 2000				A66	L	2000-5000	B7	L	< 2000																									
297																			A66	L	< 2000																						B27	L	< 2000	B2708	L	< 2000
309																			A66	L	2000-5000	B7	L	< 2000	B703	L	< 2000																B27	L	< 2000	B2708	L	< 2000
Number	2	< 2000		1	< 2000		1	< 2000		1	< 2000		2	< 2000		0	< 2000		11	< 2000		8	< 2000		3	< 2000		4	< 2000		1	< 2000		2	< 2000		0	< 2000		0	< 2000		10	< 2000		6	< 2000	
Total number	12	2		12	1		12	1		12	1		12	2		12	0		12	6		12	7		12	3		12	4		12	1		12	2		12	0		12	0		12	10		12	6	
		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			5			1			0			0			0			0			0			0			0			0		
		> 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		

HLA specificities from users of both LABScreen & Lifecodes kits

	A23			A24			A2403			A25			A26			A34			A66			B7			B703			B13			B62			B39			B55			B56			B27			B2708		
Consensus																Present			Present			Present						Present															Present			Not Assessed		
% reported	0.0%			0.0%			0.0%			0.0%			0.0%			77.8%			100.0%			88.9%			0.0%			77.8%			0.0%			0.0%			0.0%			0.0%			88.9%			66.7%		
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	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24																A34	L	2000-5000	A66	L	> 5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000	B2708	L	2000-5000
25																A34	L	2000-5000	A66	L	2000-5000																					B27	L	< 2000			
28																A34	L	2000-5000	A66	L	> 5000	B7	L	< 2000				B13	L	< 2000													B27	L	< 2000	B2708	L	< 2000
34																A34	L	< 2000	A66	L	2000-5000	B7	L	< 2000				B13	L	< 2000													B27	L	< 2000	B2708	L	< 2000
48																A34	L	2000-5000	A66	L	> 5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	> 5000	B2708	L	> 5000
58																A34	L	2000-5000	A66	L	> 5000	B7	L	< 2000				B13	L	< 2000													B27	L	< 2000	B2708	L	< 2000
186																A34	L	2000-5000	A66	L	2000-5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000			
227																			A66	L	> 5000	B7	L	2000-5000				B13	L	2000-5000													B27	L	2000-5000	B2708	L	2000-5000
267																			A66	L		B7	L																										
Number	0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		7	< 2000		9	< 2000		8	< 2000		0	< 2000		7	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		8	< 2000		6	< 2000	
Total number	9	0		9	0		9	0		9	0		9	0		9	1		9	0		9	3		9	0		9	3		9	0		9	0		9	0		9	0		9	4		9	3	
		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			6			3			4			0			4			0			0			0			0			3			2		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000		
		0			0			0			0			0			0			5			0			0			0			0			0			0			0			1			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 306/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

Consensus	B37	B60	B61	B41	B42	B47	B48	B59	B67	B73	B81	Cw10	Cw7
	Absent	Present	Present	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Absent	Not Assessed	Not Assessed	Present	Absent	Absent
% reported	4.0%	85.3%	82.7%	9.3%	12.0%	40.0%	44.0%	1.3%	42.7%	33.3%	85.3%	1.3%	1.3%

HLA specificities from One Lambda kit users only

Consensus	B37			B60			B61			B41			B42			B47			B48			B59			B67			B73			B81			Cw10			Cw7		
	Absent			Present			Present			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Absent			Not Assesed			Not Assessed			Present			Absent			Absent		
% reported	3.9%			92.2%			86.3%			9.8%			11.8%			45.1%			56.9%			0.0%			52.9%			45.1%			90.2%			2.0%			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
9				B60	L	2000-5000	B61	L	< 2000	B41	L	< 2000	B42	L	< 2000	B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
11																																							
12				B60	L	< 2000	B61	L	< 2000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
14				B60	L	< 2000																									B81	L	< 2000						
15	B37	L	< 2000	B60	L	< 2000	B61	L	< 2000																						B81	L	< 2000						
19	B37	L	< 2000	B60	L	2000-5000	B61	L	< 2000										B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000	Cw10	L	< 2000			
20				B60	L	< 2000	B61	L	< 2000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
23				B60	L	2000-5000	B61	L	< 2000																						B81	L	2000-5000						
26																																							
35				B60	L	2000-5000	B61	L	2000-5000	B41	L	< 2000	B42	L	< 2000	B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
38				B60	L	2000-5000	B61	L	2000-5000	B41	L	< 2000	B42	L	< 2000	B47	L	< 2000	B48	L	2000-5000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
39				B60	L	< 2000	B61	L	< 2000										B48	L	< 2000							B73	L	< 2000	B81	L	< 2000						
41				B60	L	2000-5000	B61	L	2000-5000										B48	L	2000-5000										B81	L	2000-5000						
42				B60	L	< 2000	B61	L	< 2000	B41	L	< 2000	B42	L	< 2000	B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	< 2000						
45																																							
51				B60	L	< 2000	B61	L	< 2000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	< 2000						
54				B60	L	< 2000	B61	L	< 2000																						B81	L	< 2000						
62				B60	L	2000-5000	B61	L	2000-5000																						B81	L	2000-5000						
114				B60	L	2000-5000	B61	L	2000-5000							B47	L	< 2000	B48	L	2000-5000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
116				B60	L	2000-5000	B61	L	2000-5000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000				B81	L	2000-5000						
117				B60	L	< 2000	B61	E+L	< 2000																						B81	E+L	< 2000						
119				B60	L	2000-5000	B61	L	2000-5000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
120				B60	L	< 2000	B61	L	< 2000							B47	L	< 2000	B48	L	< 2000										B81	L	< 2000						
136				B60	L	2000-5000	B61	L	2000-5000	B41	C+L	< 2000	B42	L	< 2000	B47	L	< 2000	B48	L	2000-5000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
139				B60	L	< 2000	B61	L	< 2000										B48	L	< 2000										B81	L	2000-5000						
142				B60	L	< 2000	B61	L	< 2000																						B81	L	< 2000						
143				B60	L	< 2000	B61	L	< 2000																						B81	L	< 2000						
145				B60	L	< 2000	B61	L	< 2000																						B81	L	< 2000						
147				B60	L	2000-5000	B61	L	2000-5000										B48	L	< 2000				B67	L	< 2000				B81	L	2000-5000						
157				B60	L	2000-5000	B61	L	2000-5000										B48	L	< 2000				B67	L	< 2000				B81	L	2000-5000						
159				B60	L	2000-5000	B61	L	2000-5000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
162				B60	L	2000-5000	B61	L	2000-5000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
164																																							
165				B60	F+E+L	2000-5000	B61	F+E+L	2000-5000																B67	F+L	< 2000	B73	F+L	< 2000	B81	F+L	2000-5000						
169				B60	L	< 2000	B61	L	< 2000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
181				B60	L	< 2000	B61	L	< 2000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
190				B60	L	< 2000	B61	L	< 2000																						B81	L	< 2000						
193				B60	L	< 2000	B61	L	< 2000																						B81	L	< 2000						
194				B60	L	2000-5000	B61	L	< 2000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
195				B60	L	2000-5000	B61	L	2000-5000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
206				B60	L	< 2000	B61	L	< 2000																						B81	L	< 2000						
209				B60	L	< 2000	B61	L	< 2000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	< 2000						
216				B60	L	< 2000	B61	L	< 2000																B67	L	< 2000												
232				B60	L	< 2000	B61	L	< 2000																						B81	L	< 2000						
235				B60	L																										B81	L							
243				B60	L	2000-5000	B61	L	2000-5000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000				B81	L	2000-5000						
245				B60	L	2000-5000	B61	L	2000-5000				B42	L	< 2000	B47	L	< 2000	B48	L	2000-5000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
277				B60	L	2000-5000	B61	L	2000-5000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	< 2000						
284				B60	L	< 2000	B61	L	< 2000																						B81	L	< 2000						
303				B60	L	2000-5000	B61	L	2000-5000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
311				B60	L	< 2000																									B81	L	< 2000						
Number	2	< 2000		47	< 2000		44	< 2000		5	< 2000		6	< 2000		23	< 2000		29	< 2000		0	< 2000		27	< 2000		23	< 2000		46	< 2000		1	< 2000		0	< 2000	
Total number	51	2		51	24		51	26		51	5		51	6		51	23		51	24		51	0		51	27		51	23		51	19		51	1		51	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
		0			22			18			0			0			0			5			0			0			0			26			0			0		
		> 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		

HLA specificities from Lifecodes kit users only

Consensus	B37			B60			B61			B41			B42			B47			B48			B59			B67			B73			B81			Cw10			Cw7		
	Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed						Not Assessed			Not Assessed						Not Assessed						Not Assessed		
% reported	8.3%			58.3%			66.7%			16.7%			25.0%			33.3%			0.0%			8.3%			8.3%			0.0%			66.7%			0.0%			8.3%		
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	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29				B60	L	< 2000	B61	L	< 2000				B42	L	< 2000							B59	L	< 2000	B67	L	< 2000				B81	L	< 2000						
100				B60	L	< 2000	B61	L	< 2000				B42	L	< 2000	B47	L	< 2000													B81	L	< 2000						
112																																							
149							B61	L	< 2000																						B81	L	< 2000						
185				B60	L	< 2000	B61	L	< 2000	B41	L	< 2000	B42	L	< 2000	B47	L	< 2000													B81	L	< 2000						
218				B60	L	< 2000	B61	L	< 2000	B41	L	2000-5000																			B81	L							
229																																							
238	B37	L	< 2000	B60	L	< 2000	B61	L	< 2000							B47	L	< 2000													B81	L	< 2000						
262																																							
268				B60	L	< 2000																																	
297							B61	L	< 2000																						B81	L	< 2000						
309				B60	L	< 2000	B61	L	< 2000							B47	L	< 2000													B81	L	< 2000				Cw7	L	< 2000
Number	1	< 2000		7	< 2000		8	< 2000		2	< 2000		3	< 2000		4	< 2000		0	< 2000		1	< 2000		1	< 2000		0	< 2000		8	< 2000		0	< 2000		1	< 2000	
Total number	12	1		12	7		12	8		12	1		12	3		12	4		12	0		12	1		12	1		12	0		12	7		12	0		12	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
		0			0			0			1			0			0			0			0			0			0			0			0			0		
		> 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		

HLA specificities from users of both LABScreen & Lifecodes kits

Consensus	B37			B60			B61			B41			B42			B47			B48			B59			B67			B73			B81			Cw10			Cw7		
				Present			Present									Not Assessed			Not Assessed						Not Assessed			Not Assessed			Present								
% reported	0.0%			88.9%			88.9%			0.0%			0.0%			22.2%			22.2%			0.0%			33.3%			11.1%			88.9%			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
24				B60	L	2000-5000	B61	L	2000-5000							B47	L	< 2000	B48	L	< 2000				B67	L	< 2000				B81	L	2000-5000						
25																															B81	L	< 2000						
28				B60	L	< 2000	B61	L	< 2000																B67	L	< 2000				B81	L	< 2000						
34				B60	L	< 2000	B61	L	< 2000																						B81	L	< 2000						
48				B60	L	2000-5000	B61	L	2000-5000							B47	L	2000-5000	B48	L	2000-5000				B67	L	< 2000	B73	L	< 2000	B81	L	2000-5000						
58				B60	L	< 2000	B61	L	< 2000																						B81	L	< 2000						
186				B60	L	2000-5000	B61	L	2000-5000																						B81	L	2000-5000						
227				B60	L	2000-5000	B61	L	2000-5000																						B81	L	2000-5000						
267				B60	L		B61	L																															
Number	0	< 2000		8	< 2000		8	< 2000		0	< 2000		0	< 2000		2	< 2000		2	< 2000		0	< 2000		3	< 2000		1	< 2000		8	< 2000		0	< 2000		0	< 2000	
Total number	9	0		9	3		9	3		9	0		9	0		9	1		9	1		9	0		9	3		9	1		9	4		9	0		9	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
		0			4			4			0			0			1			1			0			0			0			4			0			0		
		> 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		

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 307/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

	A1	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33
Consensus	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Absent	Absent	Absent	Present	Not Assessed	Absent	Present	Present
% reported	30.7%	9.3%	8.0%	6.7%	69.3%	18.7%	2.7%	1.3%	2.7%	88.0%	48.0%	1.3%	81.3%	78.7%

HLA specificities from One Lambda kit users only

	A1	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33
Consensus	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed	Absent	Absent	Absent	Present	Not Assessed	Absent	Present	Present
% reported	33.3%	9.8%	9.8%	7.8%	82.4%	23.5%	3.9%	2.0%	3.9%	100.0%	54.9%	2.0%	96.1%	94.1%
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
9	A1 L < 2000	A23 L < 2000	A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000				A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
11					A25 L < 2000					A29 L 2000-5000			A32 L < 2000	A33 L < 2000
12	A1 L < 2000	A23 L < 2000	A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000				A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
14					A25 L < 2000					A29 L 2000-5000			A32 L 2000-5000	A33 L 2000-5000
15										A29 L 2000-5000			A32 L < 2000	A33 L < 2000
19					A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L < 2000	A33 L < 2000
20	A1 L < 2000				A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L < 2000	A33 L < 2000
23					A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
26										A29 L < 2000			A32 L < 2000	
35	A1 L < 2000				A25 L < 2000	A26 L < 2000				A29 L 2000-5000	A30 L 2000-5000		A32 L 2000-5000	A33 L < 2000
38					A25 L < 2000					A29 L 2000-5000			A32 L 2000-5000	A33 L < 2000
39										A29 L 2000-5000			A32 L < 2000	A33 L < 2000
41	A1 L 2000-5000				A25 L 2000-5000					A29 L > 5000	A30 L 2000-5000		A32 L > 5000	A33 L 2000-5000
42	A1 L < 2000	A23 L < 2000	A24 L < 2000	A2403 L < 2000	A25 L < 2000	A26 L < 2000	A34 L < 2000			A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
45					A25 L < 2000					A29 L 2000-5000			A32 L 2000-5000	A33 L 2000-5000
51					A25 L < 2000					A29 L 2000-5000			A32 L < 2000	A33 L < 2000
54	A1 L < 2000				A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
62					A25 L 2000-5000					A29 L 2000-5000			A32 L 2000-5000	A33 L 2000-5000
114	A1 L < 2000				A25 L 2000-5000	A26 L < 2000				A29 L > 5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
116					A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
117	A1 E+L < 2000				A25 E+L < 2000	A26 L < 2000				A29 E+L 2000-5000	A30 E+L < 2000		A32 E+L 2000-5000	A33 E+L 2000-5000
119					A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
120	A1 L < 2000				A25 L < 2000	A26 L < 2000				A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
136	A1 L < 2000				A25 L 2000-5000	A26 L < 2000				A29 L > 5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
139					A25 L < 2000					A29 L 2000-5000			A32 L 2000-5000	A33 L 2000-5000
142					A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
143	A1 L 2000-5000	A23 L < 2000	A24 L < 2000	A2403 L < 2000	A25 L 2000-5000	A26 L 2000-5000	A34 L < 2000	A66 L < 2000	A11 L < 2000	A29 L > 5000	A30 L 2000-5000	A31 L < 2000	A32 L > 5000	A33 L > 5000
145					A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
147					A25 L 2000-5000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
157										A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
159					A25 L < 2000					A29 L 2000-5000			A32 L 2000-5000	A33 L 2000-5000
162					A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
164										A29 L 2000-5000			A32 L 2000-5000	A33 L 2000-5000
165									A11 E+L 2000-5000	A29 F+L 2000-5000			A32 F+L 2000-5000	A33 F+L < 2000
169					A25 L < 2000					A29 L 2000-5000			A32 L < 2000	A33 L < 2000
181	A1 L < 2000	A23 L < 2000	A24 L < 2000		A25 L < 2000	A26 L < 2000				A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L < 2000
190					A25 L 2000-5000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
193					A25 L < 2000					A29 L 2000-5000			A32 L 2000-5000	A33 L 2000-5000
194	A1 L < 2000				A25 L < 2000					A29 L 2000-5000			A32 L 2000-5000	A33 L 2000-5000
195					A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
206					A25 L < 2000					A29 L 2000-5000			A32 L 2000-5000	A33 L 2000-5000
209	A1 L < 2000				A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
216										A29 L 2000-5000				
232										A29 L 2000-5000			A32 L 2000-5000	A33 L < 2000
235										A29 L				
243					A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L < 2000
245	A1 L < 2000				A25 L 2000-5000	A26 L < 2000				A29 L > 5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
277	A1 L < 2000				A25 L < 2000	A26 L < 2000				A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L < 2000
284					A25 L < 2000					A29 L 2000-5000			A32 L 2000-5000	A33 L < 2000
303					A25 L < 2000					A29 L 2000-5000			A32 L 2000-5000	A33 L 2000-5000
311					A25 L 2000-5000					A29 L 2000-5000			A32 L 2000-5000	A33 L 2000-5000
Number	17 < 2000	5 < 2000	5 < 2000	4 < 2000	42 < 2000	12 < 2000	2 < 2000	1 < 2000	2 < 2000	51 < 2000	28 < 2000	1 < 2000	49 < 2000	48 < 2000
Total number	51 15	51 5	51 5	51 4	51 33	51 11	51 2	51 1	51 1	51 1	51 25	51 1	51 8	51 15
	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	0	0	9	1	0	0	1	44	3	0	39	32
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	0	0	0	0	0	0	0	0	0	5	0	0	2	1

HLA specificities from Lifecodes kit users only

	A1	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33
Consensus					Not Assessed					Not Assessed	Not Assessed		Not Assessed	Not Assessed
% reported	0.0%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	41.7%	8.3%	0.0%	33.3%	25.0%
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										A29 L < 2000			A32 L < 2000	
100					A25 L < 2000					A29 L 2000-5000			A32 L < 2000	A33 L 2000-5000
112														
149										A29 L < 2000	A30 L < 2000		A32 L < 2000	A33 L < 2000
185										A29 L < 2000				
218														
229														
238														
262														
268														
297														
309					A25 L < 2000					A29 L < 2000			A32 L < 2000	A33 L < 2000
Number	0 < 2000	0 < 2000	0 < 2000	0 < 2000	2 < 2000	0 < 2000	0 < 2000	0 < 2000	0 < 2000	5 < 2000	1 < 2000	0 < 2000	4 < 2000	3 < 2000
Total number	12 0	12 0	12 0	12 0	12 2	12 0	12 0	12 0	12 0	12 4	12 1	12 0	12 4	12 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
	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	> 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

HLA specificities from users of both LABScreen & Lifecodes kits

	A1	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30	A31	A32	A33
Consensus	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed				Present	Not Assessed		Present	Present
% reported	55.6%	22.2%	11.1%	11.1%	77.8%	22.2%	0.0%	0.0%	0.0%	88.9%	66.7%	0.0%	77.8%	77.8%
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
24	A1 L < 2000				A25 L 2000-5000					A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
25					A25 L < 2000					A29 L 2000-5000			A32 L < 2000	A33 L < 2000
28	A1 L < 2000	A23 L < 2000	A24 L < 2000	A2403 L < 2000	A25 L 2000-5000	A26 L < 2000				A29 L 2000-5000	A30 L < 2000		A32 L 2000-5000	A33 L 2000-5000
34	A1 L < 2000				A25 L < 2000					A29 L 2000-5000	A30 L < 2000		A32 L < 2000	A33 L < 2000
48	A1 L 2000-5000				A25 L 2000-5000	A26 I < 2000				A29 L > 5000	A30 L 2000-5000		A32 L 2000-5000	A33 L 2000-5000
58					A25 L < 2000					A29 L 2000-5000			A32 L < 2000	A33 L < 2000
186	A1 L 2000-5000	A23 L < 2000			A25 L 2000-5000					A29 L > 5000	A30 L 2000-5000		A32 L > 5000	A33 L 2000-5000
227														
267										A29 L	A30 L			
Number	5 < 2000	2 < 2000	1 < 2000	1 < 2000	7 < 2000	2 < 2000	0 < 2000	0 < 2000	0 < 2000	8 < 2000	6 < 2000	0 < 2000	7 < 2000	7 < 2000
Total number	9 3	9 2	9 1	9 1	9 3	9 2	9 0	9 0	9 0	9 0	9 3	9 0	9 3	9 3
	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	0	0	4	0	0	0	0	5	2	0	3	4
	> 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	1	0

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UNITED KINGDOM EXTERNAL QUALITY ASSESSMENT SERVICE

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

CLASS I HLA ANTIBODY SPECIFICITY ANALYSIS OF 307/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

Consensus	A74	A68	A69	A36	A43	A80	B51	B5102	B52	B8	B13	B64	B65	B62
	Absent	Absent	Absent	Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed	Present	Not Assessed	Absent	Present	Present	Present
% reported	1.3%	1.3%	1.3%	8.0%	45.3%	16.0%	97.3%	53.3%	92.0%	32.0%	1.3%	76.0%	80.0%	89.3%

HLA specificities from One Lambda kit users only

Consensus	A74	A68	A69	A36	A43	A80	B51	B5102	B52	B8	B13	B64	B65	B62
	Absent	Absent	Absent	Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed	Present	Not Assessed		Present	Present	Present
% reported	2.0%	2.0%	2.0%	9.8%	51.0%	19.6%	100.0%	64.7%	100.0%	35.3%	0.0%	86.3%	94.1%	96.1%

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
9										A36	L	< 2000	A43	L	< 2000	A80	L	< 2000	B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
11																			B51	L	> 5000	B5102	L	> 5000	B52	L	2000-5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
12										A36	L	< 2000	A43	L	< 2000	A80	L	< 2000	B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	2000-5000	B65	L	2000-5000	B62	L	2000-5000
14																			B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000										B65	L	< 2000	B62	L	2000-5000
15																			B51	L	> 5000				B52	L	2000-5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
19													A43	L	< 2000				B51	L	> 5000	B5102	L	> 5000	B52	L	2000-5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
20													A43	L	< 2000				B51	L	> 5000				B52	L	2000-5000							B64	L	< 2000	B65	L	< 2000	B62	L	< 2000
23													A43	L	< 2000				B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
26																			B51	L	> 5000				B52	L	2000-5000													B62	L	< 2000
35													A43	L	< 2000				B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
38																			B51	L	> 5000	B5102	L	> 5000	B52	L	2000-5000	B8	L	< 2000				B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
39																			B51	L	> 5000	B5102	L	> 5000	B52	L	2000-5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
41													A43	L	2000-5000				B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	2000-5000				B64	L	2000-5000	B65	L	2000-5000	B62	L	> 5000
42										A36	L	< 2000	A43	L	< 2000	A80	L	< 2000	B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
45																			B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
51																			B51	L	> 5000	B5102	L	> 5000	B52	L	2000-5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
54													A43	L	< 2000	A80	L	< 2000	B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
62																			B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	2000-5000	B62	L	> 5000
114													A43	L	< 2000	A80	L	< 2000	B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
116													A43	L	< 2000				B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
117													A43	L	< 2000				B51	E+L	> 5000	B5102	L	> 5000	B52	E+L	> 5000	B8	L	< 2000				B64	E+L	< 2000	B65	E+L	2000-5000	B62	L	2000-5000
119													A43	L	< 2000				B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
120													A43	L	< 2000				B51	L	> 5000				B52	L	> 5000	B8	L	< 2000				B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
136													A43	L	< 2000	A80	L	< 2000	B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	2000-5000	B65	L	2000-5000	B62	L	2000-5000
139																			B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
142																			B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
143	A74	L	< 2000	A68	L	< 2000	A69	L	< 2000	A36	L	2000-5000	A43	L	2000-5000	A80	L	2000-5000	B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	2000-5000	B65	L	> 5000	B62	L	> 5000
145													A43	L	< 2000				B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
147													A43	L	< 2000				B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
157																			B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
159																			B51	L	> 5000				B52	L	> 5000							B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
162													A43	L	< 2000				B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	< 2000	B62	L	2500-5000
164																			B51	L	> 5000				B52	L	> 5000										B65	L	2000-5000	B62	L	2000-5000
165																			B51	F+E+L	> 5000				B52	F+L	> 5000										B65	F+L	2000-5000	B62	F+L	2000-5000
169																			B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
181										A36	L	< 2000	A43	L	< 2000	A80	L	< 2000	B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
190													A43	L	< 2000				B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
193																			B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
194																			B51	L	> 5000				B52	L	> 5000							B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
195													A43	L	< 2000				B51	L	> 5000				B52	L	> 5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
206																			B51	L	> 5000				B52	L	> 5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
209													A43	L	< 2000				B51	L	> 5000				B52	L	> 5000	B8	L	< 2000				B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
216																			B51	L	> 5000				B52	L	> 5000															
232																			B51	L	> 5000				B52	L	2000-5000										B65	L	2000-5000	B62	L	2000-5000
235																			B51	L					B52	L																
243													A43	L	< 2000				B51	L	> 5000				B52	L	> 5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
245													A43	L	< 2000	A80	L	< 2000	B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	2000-5000	B65	L	2000-5000	B62	L	> 5000
277													A43	L	< 2000	A80	L	< 2000	B51	L	> 5000				B52	L	> 5000	B8	L	< 2000				B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
284																			B51	L	> 5000	B5102	L	> 5000	B52	L	2000-5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
303																			B51	L	> 5000				B52	L	> 5000							B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
311																			B51	L	> 5000				B52	L	> 5000							B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
Number	1	< 2000		1	< 2000		1	< 2000		5	< 2000		26	< 2000		10	< 2000		51	< 2000		33	< 2000		51	< 2000		18	< 2000		0	< 2000		44	< 2000		48	< 2000		49	< 2000	
Total number	51	1		51	1		51	1		51	4		51	24		51	9		51	0		51	0		51	0		51	17		51	0		51	39		51	24		51	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	
		0			0			0			1			2			1			0			0			10			1			0			5			23			43	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			0			50			33			40			0			0			0			1			4	

HLA specificities from Lifecodes kit users only

Consensus	A74	A68	A69	A36	A43	A80	B51	B5102	B52	B8	B13	B64	B65	B62
					Not Assessed		Present		Not Assessed			Not Assessed	Not Assessed	Not Assessed
% reported	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%	91.7%	0.0%	58.3%	0.0%	0.0%	33.3%	25.0%	58.3%

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	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29																			B51	L	< 2000				B52	L	< 2000													B62	L	< 2000
100													A43	L	< 2000				B51	L	2000-5000				B52	L	> 5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
112																			B51	L	< 2000				B52	L	2000-5000							B64	L	< 2000						
149													A43	L	< 2000				B51	L	2000-5000				B52	L	< 2000													B62	L	< 2000
185																			B51	L	< 2000				B52	L	< 2000													B62	L	< 2000
218																			B51	L	< 2000																			B62	L	> 5000
229																																										
238																			B51	L	2000-5000				B52	L	2000-5000							B64	L	< 2000	B65	L	< 2000	B62	L	< 2000
262																			B51	L	< 2000																					
268																			B51	L	2000-5000																					
297																			B51	L	< 2000																					
309													A43	L	< 2000				B51	L	2000-5000				B52	L	2000-5000							B64	L	< 2000	B65	L	< 2000	B62	L	< 2000
Number	0	< 2000		0	< 2000		0	< 2000		0	< 2000		3	< 2000		0	< 2000		11	< 2000		0	< 2000		7	< 2000		0	< 2000		0	< 2000		4	< 2000		3	< 2000		7	< 2000	
Total number	12	0		12	0		12	0		12	0		12	3		12	0		12	6		12	0		12	3		12	0		12	0		12	4		12	3		12	5	
		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			5			0			3			0			0			0			0			1	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			0			0			0			1			0			0			0			0			1	

HLA specificities from users of both LABScreen & Lifecodes kits

Consensus	A74	A68	A69	A36	A43	A80	B51	B5102	B52	B8	B13	B64	B65	B62
				Not Assessed	Not Assessed	Not Assessed	Present	Not Assessed	Present	Not Assessed		Present	Present	Present
% reported	0.0%	0.0%	0.0%	11.1%	44.4%	22.2%	100.0%	66.7%	100.0%	55.6%	0.0%	88.9%	88.9%	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
24													A43	L	< 2000				B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
25																			B51	L	> 5000				B52	L	2000-5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
28										A36	L	< 2000	A43	L	< 2000				B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	2000-5000	B65	L	2000-5000	B62	L	2000-5000
34																			B51	L	> 5000	B5102	L	> 5000	B52	L	2000-5000	B8	L	< 2000				B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
48													A43	L	< 2000	A80	L	< 2000	B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000	B8	L	< 2000				B64	L	2000-5000	B65	L	2000-5000	B62	L	2000-5000
58																			B51	L	> 5000	B5102	L	> 5000	B52	L	2000-5000							B64	L	< 2000	B65	L	< 2000	B62	L	2000-5000
186													A43	L	2000-5000	A80	L	< 2000	B51	L	> 5000				B52	L	> 5000	B8	L	< 2000				B64	L	2000-5000	B65	L	2000-5000	B62	L	> 5000
227																			B51	L	> 5000	B5102	L	> 5000	B52	L	> 5000							B64	L	< 2000	B65	L	2000-5000	B62	L	2000-5000
267																			B51	L					B52	L														B62	L	
Number	0	< 2000		0	< 2000		0	< 2000		1	< 2000		4	< 2000		2	< 2000		9	< 2000		6	< 2000		9	< 2000		5	< 2000		0	< 2000		8	< 2000		8	< 2000		9	< 2000	
Total number	9	0		9	0		9	0		9	0		9	3		9	2		9	0		9	0		9	0		9	5		9	0		9	5		9	3		9	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	
		0			0			0			0			1			0			0			0			3			0			0			3			5			7	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			0			8			6			5			0			0			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 307/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

Consensus	B63	B75	B77	B38	B57	B58	B18	B49	B50	B54	B55	B56	B35	B37
	Present	Present	Present	Not Assessed	Present	Present	Present	Present	Present	Absent	Absent	Present	Present	Not Assessed
% reported	94.7%	96.0%	85.3%	14.7%	85.3%	84.0%	98.7%	88.0%	84.0%	2.7%	2.7%	86.7%	98.7%	22.7%

HLA specificities from One Lambda kit users only

Consensus	B63	B75	B77	B38	B57	B58	B18	B49	B50	B54	B55	B56	B35	B37
	Present	Present	Present	Not Assessed	Present	Present	Present	Present	Present	Absent	Absent	Present	Present	Not Assessed
% reported	98.0%	100.0%	96.1%	15.7%	96.1%	96.1%	100.0%	100.0%	96.1%	2.0%	3.9%	96.1%	100.0%	23.5%
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	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
9	B63 L > 5000	B75 L > 5000	B77 L > 5000	B38 L < 2000	B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	B37 L < 2000
11	B63 L 2000-5000	B75 L 2000-5000	B77 L 2000-5000		B57 L < 2000	B58 L < 2000	B18 L 2000-5000	B49 L 2000-5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
12	B63 L > 5000	B75 L > 5000	B77 L > 5000	B38 L < 2000	B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	B37 L < 2000
14	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
15	B63 L 2000-5000	B75 L > 5000	B77 L 2000-5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L 2000-5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	B37 L < 2000
19	B63 L 2000-5000	B75 L > 5000	B77 L 2000-5000		B57 L 2000-5000	B58 L < 2000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	B37 L < 2000
20	B63 L 2000-5000	B75 L 2000-5000	B77 L 2000-5000		B57 L < 2000	B58 L < 2000	B18 L 2000-5000	B49 L 2000-5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
23	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L < 2000	B58 L < 2000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
26	B63 L 2000-5000	B75 L 2000-5000	B77 L 2000-5000		B57 L < 2000	B58 L < 2000	B18 L 2000-5000	B49 L 2000-5000	B50 L < 2000			B56 L < 2000	B35 L 2000-5000	
35	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
38	B63 L > 5000	B75 L > 5000	B77 L 2000-5000		B57 L 2000-5000	B58 L < 2000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
39	B63 L 2000-5000	B75 L 2000-5000	B77 L 2000-5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L 2000-5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
41	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L > 5000	B58 L > 5000	B18 L > 5000	B49 L > 5000	B50 L > 5000			B56 L > 5000	B35 L > 5000	
42	B63 L > 5000	B75 L > 5000	B77 L > 5000	B38 L < 2000	B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	B37 L < 2000
45	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
51	B63 L 2000-5000	B75 L 2000-5000	B77 L 2000-5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L 2000-5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
54	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
62	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L > 5000			B56 L > 5000	B35 L > 5000	
114	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
116	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
117	B63 E+L > 5000	B75 E+L > 5000	B77 L > 5000	B38 E+L < 2000	B57 E+L 2000-5000	B58 E+L 2000-5000	B18 E+L 2000-5000	B49 E+L > 5000	B50 E+L 2000-5000			B56 E+L 2000-5000	B35 E+L > 5000	B37 L < 2000
119	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
120	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
136	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L			B56 L 2000-5000	B35 L > 5000	B37 L < 2000
139	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
142	B63 L 2000-5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
143	B63 L > 5000	B75 L > 5000	B77 L > 5000	B38 L < 2000	B57 L > 5000	B58 L > 5000	B18 L > 5000	B49 L > 5000	B50 L > 5000	B54 L < 2000		B56 L > 5000	B35 L > 5000	B37 L 2000-5000
145	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
147	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
157	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
159	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
162	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
164	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
165	B63 F+L 2000-5000	B75 F+E+L > 5000	B77 F+L 2000-5000		B57 F+L 2000-5000	B58 F+E+L < 2000	B18 F+E+L 2000-5000	B49 F+E+L > 5000	B50 F+E+L 2000-5000			B56 F+E+L 2000-5000	B35 F+E+L > 5000	
169	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L < 2000	B58 L < 2000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
181	B63 L > 5000	B75 L > 5000	B77 L > 5000	B38 L < 2000	B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	B37 L < 2000
190	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
193	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
194	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L > 5000			B56 L 2000-5000	B35 L > 5000	B37 L < 2000
195	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
206	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
209	B63 L > 5000	B75 L > 5000	B77 L > 5000	B38 L < 2000	B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	B37 L < 2000
216		B75 L 2000-5000					B18 L 2000-5000	B49 L 2000-5000			B55 L < 2000		B35 L 2000-5000	
232	B63 L 2000-5000	B75 L > 5000	B77 L 2000-5000		B57 L 2000-5000	B58 L 2000-5000	B18 L 2000-5000	B49 L 2000-5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
235	B63 L	B75 L					B18 L	B49 L			B55 L		B35 L	
243	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L < 2000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
245	B63 L > 5000	B75 L > 5000	B77 L > 5000	B38 L < 2000	B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L > 5000			B56 L > 5000	B35 L > 5000	B37 L < 2000
277	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L < 2000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
284	B63 L > 5000	B75 L > 5000	B77 L 2000-5000		B57 L 2000-5000	B58 L < 2000	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
303	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
311	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
Number	50 < 2000	51 < 2000	49 < 2000	8 < 2000	49 < 2000	49 < 2000	51 < 2000	51 < 2000	49 < 2000	1 < 2000	2 < 2000	49 < 2000	51 < 2000	12 < 2000
Total number	51 0	51 0	51 0	51 8	51 5	51 11	51 0	51 0	51 1	51 1	51 1	51 1	51 0	51 11
	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	6	11	0	42	36	34	8	42	0	0	44	2	1
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	39	44	38	0	2	2	16	42	5	0	0	4	48	0

HLA specificities from Lifecodes kit users only

Consensus	B63	B75	B77	B38	B57	B58	B18	B49	B50	B54	B55	B56	B35	B37
	Present	Present	Not Assessed		Not Assessed	Not Assessed	Present	Not Assessed	Not Assessed	Not Assessed		Not Assessed	Present	Not Assessed
% reported	83.3%	83.3%	33.3%	0.0%	33.3%	33.3%	100.0%	41.7%	33.3%	8.3%	0.0%	50.0%	100.0%	16.7%
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	spec tech MFI	spec tech MFI	spec tech MFI
29	B63 L < 2000	B75 L < 2000			B57 L < 2000	B58 L < 2000	B18 L < 2000						B35 L 2000-5000	B37 L < 2000
100	B63 L > 5000	B75 L 2000-5000	B77 L > 5000		B57 L < 2000	B58 L 2000-5000	B18 L 2000-5000	B49 L 2000-5000	B50 L 2000-5000			B56 L < 2000	B35 L > 5000	
112	B63 L < 2000	B75 L < 2000					B18 L < 2000	B49 L < 2000	B50 L < 2000				B35 L 2000-5000	
149	B63 L < 2000	B75 L 2000-5000					B18 L < 2000					B56 L < 2000	B35 L 2000-5000	
185	B63 L < 2000	B75 L < 2000	B77 L < 2000				B18 L < 2000	B49 L < 2000		B54 L < 2000		B56 L < 2000	B35 L 2000-5000	B37 L < 2000
218	B63 L 2000-5000	B75 L > 5000					B18 L < 2000						B35 L < 2000	
229							B18 L < 2000						B35 L < 2000	
238	B63 L 2000-5000	B75 L < 2000	B77 L < 2000		B57 L < 2000	B58 L < 2000	B18 L < 2000	B49 L 2000-5000	B50 L < 2000			B56 L < 2000	B35 L 2000-5000	
262							B18 L < 2000						B35 L 2000-5000	
268	B63 L 2000-5000	B75 L 2000-5000					B18 L 2000-5000						B35 L > 5000	
297	B63 L < 2000	B75 L < 2000					B18 L < 2000					B56 L < 2000	B35 L 2000-5000	
309	B63 L 2000-5000	B75 L < 2000	B77 L 2000-5000		B57 L < 2000	B58 L < 2000	B18 L 2000-5000	B49 L 2000-5000	B50 L 2000-5000			B56 L < 2000	B35 L > 5000	
Number	10 < 2000	10 < 2000	4 < 2000	0 < 2000	4 < 2000	4 < 2000	12 < 2000	5 < 2000	4 < 2000	1 < 2000	0 < 2000	6 < 2000	12 < 2000	2 < 2000
Total number	12 5	12 6	12 2	12 0	12 4	12 3	12 9	12 2	12 2	12 1	12 0	12 6	12 2	12 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
	4	3	1	0	0	1	3	3	2	0	0	0	7	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	1	1	1	0	0	0	0	0	0	0	0	0	3	0

HLA specificities from users of both LABScreen & Lifecodes kits

Consensus	B63	B75	B77	B38	B57	B58	B18	B49	B50	B54	B55	B56	B35	B37
	Present	Present	Present	Not Assessed	Present	Present	Present	Present	Present	Absent	Absent	Present	Present	Not Assessed
% reported	100.0%	100.0%	100.0%	33.3%	100.0%	100.0%	100.0%	88.9%	88.9%	0.0%	0.0%	88.9%	100.0%	33.3%
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	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
24	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
25	B63 L 2000-5000	B75 L 2000-5000	B77 L 2000-5000		B57 L 2000-5000	B58 L < 2000	B18 L 2000-5000	B49 L 2000-5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
28	B63 L > 5000	B75 L > 5000	B77 L > 5000	B38 L < 2000	B57 L 2000-5000	B58 L	B18 L 2000-5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	B37 L < 2000
34	B63 L 2000-5000	B75 L 2000-5000	B77 L 2000-5000		B57 L 2000-5000	B58 L < 2000	B18 L 2000-5000	B49 L 2000-5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
48	B63 L > 5000	B75 L > 5000	B77 L > 5000	B38 L < 2000	B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L > 5000			B56 L 2000-5000	B35 L > 5000	B37 L < 2000
58	B63 L 2000-5000	B75 L 2000-5000	B77 L 2000-5000		B57 L < 2000	B58 L < 2000	B18 L 2000-5000	B49 L 2000-5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
186	B63 L > 5000	B75 L > 5000	B77 L > 5000	B38 L < 2000	B57 L > 5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L > 5000			B56 L > 5000	B35 L > 5000	B37 L < 2000
227	B63 L > 5000	B75 L > 5000	B77 L > 5000		B57 L 2000-5000	B58 L 2000-5000	B18 L > 5000	B49 L > 5000	B50 L 2000-5000			B56 L 2000-5000	B35 L > 5000	
267	B63 L	B75 L	B77 L		B57 L	B58 L	B18 L						B35 L	
Number	9 < 2000	9 < 2000	9 < 2000	3 < 2000	9 < 2000	9 < 2000	9 < 2000	8 < 2000	8 < 2000	0 < 2000	0 < 2000	8 < 2000	9 < 2000	3 < 2000
Total number	9 0	9 0	9 0	9 3	9 1	9 3	9 0	9 0	9 0	9 0	9 0	9 0	9 0	9 3
	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	3	3	0	6	4	4	3	6	0	0	7	0	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	5	5	5	0	1	0	4	5	2	0	0	1	8	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 307/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

	B61	B46	B48	B53	B59	B71	B72	B73	B78	B82
Consensus	Absent	Not Assessed	Absent	Present	Present	Present	Present	Absent	Present	Not Assessed
% reported	1.3%	74.7%	2.7%	98.7%	76.0%	86.7%	77.3%	1.3%	97.3%	5.3%

HLA specificities from One Lambda kit users only

	B61			B46			B48			B53			B59			B71			B72			B73			B78			B82		
Consensus	Absent			Present			Absent			Present			Present			Present			Present			Absent			Present			Absent		
% reported	2.0%			90.2%			2.0%			100.0%			94.1%			98.0%			90.2%			2.0%			100.0%			3.9%		
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
9				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
11				B46	L	< 2000				B53	L	2000-5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
12				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
14				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
15				B46	L	< 2000				B53	L	2000-5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
19				B46	L	< 2000				B53	L	> 5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
20				B46	L	< 2000				B53	L	2000-5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
23				B46	L	< 2000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
26										B53	L	2000-5000				B71	L	2000-5000							B78	L	2000-5000			
35				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
38				B46	L	< 2000				B53	L	> 5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
39				B46	L	< 2000				B53	L	2000-5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
41				B46	L	2000-5000				B53	L	> 5000	B59	L	> 5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
42				B46	L	< 2000				B53	L	> 5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
45				B46	L	< 2000				B53	L	> 5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
51				B46	L	< 2000				B53	L	2000-5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
54				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
62				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
114				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
116				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
117										B53	E+L	> 5000	B59	L	2000-5000	B71	E+L	> 5000	B72	L	2000-5000				B78	E+L	> 5000			
119				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
120				B46	L	< 2000				B53	L	> 5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
136				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
139				B46	L	2000-5000				B53	L	> 5000	B59	L	< 2000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
142				B46	L	< 2000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
143	B61	L	< 2000	B46	L	2000-5000	B48	L	< 2000	B53	L	> 5000	B59	L	> 5000	B71	L	> 5000	B72	L	2000-5000	B73	L	< 2000	B78	L	> 5000	B82	L	< 2000
145				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
147				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
157				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
159				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
162				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
164				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000							B78	L	> 5000			
165				B46	F+L	< 2000				B53	F+E+L	> 5000	B59	F+L	2000-5000	B71	F+E+L	> 5000							B78	F+E+L	> 5000			
169				B46	L	< 2000				B53	L	> 5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
181				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000	B82	L	< 2000
190				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
193				B46	L	< 2000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
194				B46	L	2000-5000				B53	L	> 5000	B59	L	< 2000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
195										B53	L	> 5000	B59	L	< 2000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
206				B46	L	2000-5000				B53	L	> 5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
209				B46	L	< 2000				B53	L	> 5000	B59	L	< 2000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
216										B53	L	2000-5000													B78	L	> 5000			
232				B46	L	< 2000				B53	L	2000-5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
235										B53	L					B71	L								B78	L				
243				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	< 2000	B72	L	< 2000				B78	L	> 5000			
245				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
277				B46	L	< 2000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
284				B46	L	< 2000				B53	L	> 5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
303				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
311				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
Number	1	< 2000		46	< 2000		1	< 2000		51	< 2000		48	< 2000		50	< 2000		46	< 2000		1	< 2000		51	< 2000		2	< 2000	
Total number	51	1		51	19		51	1		51	0		51	18		51	1		51	31		51	1		51	0		51	2	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			27			0			8			28			16			15			0			1			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			42			2			32			0			0			49			0	

HLA specificities from Lifecodes kit users only

	B61			B46			B48			B53			B59			B71			B72			B73			B78			B82		
Consensus				Not Assessed						Present						Not Assessed			Not Assessed						Present			Not Assessed		
% reported	0.0%			8.3%			0.0%			100.0%			0.0%			41.7%			25.0%			0.0%			100.0%			8.3%		
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	spec	tech	MFI
29										B53	L	2000-5000													B78	L	2000-5000			
100				B46	L	2000-5000				B53	L	> 5000				B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
112										B53	L	2000-5000													B78	L	2000-5000			
149										B53	L	2000-5000							B72	L	< 2000				B78	L	2000-5000			
185										B53	L	2000-5000				B71	L	< 2000							B78	L	< 2000	B82	L	< 2000
218										B53	L	> 5000				B71	L	> 5000							B78	L	> 5000			
229										B53	L	< 2000													B78	L	< 2000			
238										B53	L	2000-5000				B71	L	< 2000							B78	L	2000-5000			
262										B53	L	2000-5000													B78	L	2000-5000			
268										B53	L	> 5000													B78	L	> 5000			
297										B53	L	2000-5000													B78	L	2000-5000			
309										B53	L	2000-5000				B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
Number	0	< 2000		1	< 2000		0	< 2000		12	< 2000		0	< 2000		5	< 2000		3	< 2000		0	< 2000		12	< 2000		1	< 2000	
Total number	12	0		12	0		12	0		12	1		12	0		12	2		12	2		12	0		12	2		12	1	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			1			0			8			0			1			1			0			6			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			3			0			2			0			0			4			0	

HLA specificities from users of both LABScreen & Lifecodes kits

	B61			B46			B48			B53			B59			B71			B72			B73			B78			B82		
Consensus				Present			Not Assessed			Present			Present			Present			Present						Present			Not Assessed		
% reported	0.0%			88.9%			11.1%			100.0%			88.9%			88.9%			88.9%			0.0%			88.9%			11.1%		
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
24				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	< 2000				B78	L	> 5000			
25				B46	L	< 2000				B53	L	2000-5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
28				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
34				B46	L	< 2000				B53	L	2000-5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
48				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
58				B46	L	< 2000				B53	L	2000-5000	B59	L	< 2000	B71	L	2000-5000	B72	L	< 2000				B78	L	> 5000			
186				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
227				B46	L	2000-5000				B53	L	> 5000	B59	L	2000-5000	B71	L	> 5000	B72	L	2000-5000				B78	L	> 5000			
267							B48	L		B53	L																	B82	L	
Number	0	< 2000		8	< 2000		1	< 2000		9	< 2000		8	< 2000		8	< 2000		8	< 2000		0	< 2000		8	< 2000		1	< 2000	
Total number	9	0		9	3		9	0		9	0		9	3		9	0		9	4		9	0		9	0		9	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			5			0			3			5			3			4			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			5			0			5			0			0			8			0	

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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 307/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

	Cw1	Cw2	Cw9	Cw10	Cw4	Cw5	Cw6	Cw7	Cw8	Cw12	Cw14	Cw17	Cw18
Consensus	Absent	Absent	Not Assessed	Not Assessed	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
% reported	2.7%	1.3%	60.0%	64.0%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%

HLA specificities from One Lambda kit users only

	Cw1			Cw2			Cw9			Cw10			Cw4			Cw5			Cw6			Cw7			Cw8			Cw12			Cw14			Cw17			Cw18		
Consensus	Absent			Absent			Not Assessed			Present			Absent			Absent			Absent						Absent			Absent			Absent			Absent			Absent		
% reported	2.0%			2.0%			72.5%			78.4%			2.0%			2.0%			2.0%			0.0%			2.0%			2.0%			2.0%			2.0%			2.0%		
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
9							Cw9	L	< 2000	Cw10	L	< 2000																											
11																																							
12							Cw9	L	< 2000	Cw10	L	< 2000																											
14																																							
15																																							
19							Cw9	L	< 2000	Cw10	L	< 2000																											
20							Cw9	L	< 2000	Cw10	L	< 2000																											
23							Cw9	L	< 2000	Cw10	L	< 2000																											
26																																							
35							Cw9	L	< 2000	Cw10	L	< 2000																											
38										Cw10	L	< 2000																											
39																																							
41							Cw9	L	2000-5000	Cw10	L	2000-5000																											
42							Cw9	L	< 2000	Cw10	L	< 2000																											
45							Cw9	L	< 2000	Cw10	L	< 2000																											
51							Cw9	L	< 2000	Cw10	L	< 2000																											
54							Cw9	L	< 2000	Cw10	L	< 2000																											
62							Cw9	L	< 2000	Cw10	L	< 2000																											
114							Cw9	L	< 2000	Cw10	L	2000-5000																											
116							Cw9	L	< 2000	Cw10	L	< 2000																											
117							Cw9	E+L	< 2000	Cw10	E+L	< 2000																											
119							Cw9	L	< 2000	Cw10	L	< 2000																											
120							Cw9	L	< 2000	Cw10	L	< 2000																											
136							Cw9	L	< 2000	Cw10	L	< 2000																											
139										Cw10	L	< 2000																											
142							Cw9	L	< 2000	Cw10	L	< 2000																											
143	Cw1	L	< 2000	Cw2	L	< 2000	Cw9	L	2000-5000	Cw10	L	2000-5000	Cw4	L	2000-5000	Cw5	L	< 2000	Cw6	L	< 2000				Cw8	L	< 2000	Cw12	L	< 2000	Cw14	L	2000-5000	Cw17	L	2000-5000	Cw18	L	2000-5000
145							Cw9	L	< 2000	Cw10	L	< 2000																											
147							Cw9	L	< 2000	Cw10	L	< 2000																											
157							Cw9	L	< 2000	Cw10	L	< 2000																											
159							Cw9	L	< 2000	Cw10	L	< 2000																											
162							Cw9	L	< 2000	Cw10	L	< 2000																											
164																																							
165																																							
169							Cw9	L	< 2000	Cw10	L	< 2000																											
181							Cw9	L	< 2000	Cw10	L	< 2000																											
190							Cw9	L	< 2000	Cw10	L	< 2000																											
193							Cw9	L	< 2000	Cw10	L	< 2000																											
194							Cw9	L	< 2000	Cw10	L	< 2000																											
195							Cw9	L	< 2000	Cw10	L	< 2000																											
206							Cw9	L	< 2000	Cw10	L	< 2000																											
209							Cw9	L	< 2000	Cw10	L	< 2000																											
216																																							
232																																							
235																																							
243							Cw9	L	< 2000	Cw10	L	< 2000																											
245							Cw9	L	< 2000	Cw10	L	2000-5000																											
277							Cw9	L	< 2000	Cw10	L	< 2000																											
284										Cw10	L	< 2000																											
303																																							
311							Cw9	L	< 2000	Cw10	L	< 2000																											
Number	1	< 2000		1	< 2000		37	< 2000		40	< 2000		1	< 2000		1	< 2000		1	< 2000		0	< 2000		1	< 2000		1	< 2000		1	< 2000		1	< 2000		1	< 2000	
Total number	51	1		51	1		51	35		51	36		51	0		51	1		51	1		51	0		51	1		51	1		51	0		51	0		51	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			2			4			1			0			0			0			0			0			1			1			1		
		> 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		

HLA specificities from Lifecodes kit users only

	Cw1			Cw2			Cw9			Cw10			Cw4			Cw5			Cw6			Cw7			Cw8			Cw12			Cw14			Cw17			Cw18		
Consensus	Not Assessed						Not Assessed			Not Assessed												Not Assessed																	
% reported	8.3%			0.0%			8.3%			8.3%			0.0%			0.0%			0.0%			8.3%			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
29																						Cw7	L	< 2000															
100																																							
112																																							
149	Cw1	L	> 5000				Cw9	L	< 2000	Cw10	L	< 2000																											
185																																							
218																																							
229																																							
238																																							
262																																							
268																																							
297																																							
309																																							
Number	1	< 2000		0	< 2000		1	< 2000		1	< 2000		0	< 2000		0	< 2000		0	< 2000		1	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000	
Total number	12	0		12	0		12	1		12	1		12	0		12	0		12	0		12	1		12	0		12	0		12	0		12	0		12	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			0			0			0		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000		
		1			0			0			0			0			0			0			0			0			0			0			0			0		

HLA specificities from users of both LABScreen & Lifecodes kits

	Cw1			Cw2			Cw9			Cw10			Cw4			Cw5			Cw6			Cw7			Cw8			Cw12			Cw14			Cw17			Cw18		
Consensus							Not Assessed			Not Assessed																													
% reported	0.0%			0.0%			66.7%			66.7%			0.0%			0.0%			0.0%			0.0%			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
24							Cw9	L	< 2000	Cw10	L	< 2000																											
25																																							
28							Cw9	L	< 2000	Cw10	L	< 2000																											
34							Cw9	L	< 2000	Cw10	L	< 2000																											
48							Cw9	L	2000-5000	Cw10	L	2000-5000																											
58																																							
186							Cw9	L	2000-5000	Cw10	L	2000-5000																											
227							Cw9	L	< 2000	Cw10	L	< 2000																											
267																																							
Number	0	< 2000		0	< 2000		6	< 2000		6	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000	
Total number	9	0		9	0		9	4		9	4		9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	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			2			2			0			0			0			0			0			0			0			0			0		
		> 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		

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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 308/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

Consensus	A2	A203	A3	A23	A24	A2403	A11	A31	A68	A69	A80	B51	B52
	Present	Not Assessed	Absent	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Present	Present	Present	Not Assessed	Absent
% reported	98.7%	44.0%	1.3%	25.3%	32.0%	22.7%	8.0%	8.0%	98.7%	94.7%	93.3%	8.0%	4.0%

HLA specificities from One Lambda kit users only

Consensus	A2	A203	A3	A23	A24	A2403	A11	A31	A68	A69	A80	B51	B52
	Present	Not Assessed		Not Assessed	Not Assessed	Not Assessed			Present	Present	Present		
% reported	100.0%	37.3%	0.0%	25.5%	35.3%	27.5%	0.0%	0.0%	100.0%	100.0%	98.0%	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
9	A2	L	> 5000	A203	L	> 5000				A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000							A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
11	A2	L	2000-5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	< 2000						
12	A2	L	> 5000	A203	L	> 5000				A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000							A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
14	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
15	A2	L	2000-5000																						A68	L	< 2000	A69	L	2000-5000	A80	L	2000-5000						
19	A2	L	> 5000							A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000							A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
20	A2	L	> 5000							A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000							A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
23	A2	L	> 5000	A203	L	> 5000																			A68	L	> 5000	A69	L	> 5000	A80	L	2000-5000						
26	A2	L	2000-5000																						A68	L	< 2000	A69	L	< 2000									
35	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
38	A2	L	> 5000	A203	L	> 5000																			A68	L	2000-5000	A69	L	2000-5000	A80	L	> 5000						
39	A2	L	2000-5000	A203	L	2000-5000																			A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
41	A2	L	> 5000							A23	L	< 2000	A24	L	< 2000										A68	L	> 5000	A69	L	> 5000	A80	L	> 5000						
42	A2	L	> 5000							A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000							A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
45	A2	L	2000-5000	A203	L	2000-5000																			A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
51	A2	L	2000-5000	A203	L	2000-5000				A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000							A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
54	A2	L	> 5000	A203	L	> 5000																			A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
62	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	> 5000						
114	A2	L	> 5000	A203	L	> 5000				A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000							A68	L	> 5000	A69	L	> 5000	A80	L	> 5000						
116	A2	L	> 5000	A203	L	> 5000																			A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
117	A2	E+L	> 5000	A203	L	2000-5000							A24	L	< 2000										A68	E+L	2000-5000	A69	E+L	2000-5000	A80	E+L	2000-5000						
119	A2	L	> 5000	A203	L	> 5000				A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000							A68	L	> 5000	A69	L	> 5000	A80	L	> 5000						
120	A2	L	> 5000										A24	L	< 2000										A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
136	A2	L	> 5000	A203	L	> 5000							A24	L	< 2000	A2403	L	< 2000							A68	L	> 5000	A69	L	> 5000	A80	L	2000-5000						
139	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	K	2000-5000						
142	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
143	A2	L	> 5000																						A68	L	> 5000	A69	L	> 5000	A80	L	> 5000						
145	A2	L	> 5000	A203	L	> 5000				A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000							A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
147	A2	L	> 5000							A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000							A68	L	> 5000	A69	L	> 5000	A80	L	> 5000						
157	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
159	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
162	A2	L	> 5000	A203	L	> 5000							A24	L	< 2000	A2403	L	< 2000							A68	L	> 5000	A69	L	> 5000	A80	L	2000-5000						
164	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
165	A2	F+E+L	> 5000																						A68	F+E+L	> 5000	A69	F+E+L	> 5000	A80	L	> 5000						
169	A2	L	> 5000	A203	L	> 5000																			A68	L	> 5000	A69	L	> 5000	A80	L	> 5000						
181	A2	L	2000-5000	A203	L	2000-5000																			A68	L	< 2000	A69	L	< 2000	A80	L	< 2000						
190	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
193	A2	L	> 5000	A203	L	> 5000																			A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
194	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	< 2000						
195	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
206	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
209	A2	L	> 5000							A23	L	< 2000	A24	L	< 2000										A68	L	> 5000	A69	L	> 5000	A80	L	> 5000						
216	A2	L	2000-5000																						A68	L	2000-5000	A69	L	< 2000	A80	L	2000-5000						
232	A2	L	2000-5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
235	A2	L																							A68	L		A69	L		A80	L							
243	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
245	A2	L	> 5000	A203	L	> 5000				A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000							A68	L	> 5000	A69	L	> 5000	A80	L	> 5000						
277	A2	L	> 5000										A24	L	< 2000	A2403	L	< 2000							A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
284	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
303	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
311	A2	L	> 5000																						A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
Number	51	< 2000		19	< 2000		0	< 2000		13	< 2000		18	< 2000		14	< 2000		0	< 2000		0	< 2000		51	< 2000		51	< 2000		50	< 2000		0	< 2000		0	< 2000	
Total number	51	0		51	0		51	0		51	13		51	18		51	14		51	0		51	0		51	3		51	3		51	3		51	0		51	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
		9			5			0			0			0			0			0			0			36			35			35			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000
		41			14			0			0			0			0			0			0			11			12			11			0			0	

HLA specificities from Lifecodes kit users only

Consensus	A2	A203	A3	A23	A24	A2403	A11	A31	A68	A69	A80	B51	B52
	Present	Present	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Present	Present	Present	Not Assessed	Not Assessed
% reported	100.0%	75.0%	8.3%	50.0%	33.3%	25.0%	50.0%	50.0%	100.0%	83.3%	83.3%	50.0%	25.0%

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
29	A2	L	< 2000	A203	L	< 2000																			A68	L	< 2000	A69	L	< 2000	A80	L	< 2000						
100	A2	L	> 5000	A203	L	< 2000																			A68	L	< 2000	A69	L	< 2000	A80	L	< 2000						
112	A2	L	< 2000	A203	L	< 2000				A23	L	< 2000							A11	L	> 5000	A31	L	< 2000	A68	L	< 2000				A80	L	< 2000	B51	L	< 2000			
149	A2	L	2000-5000	A203	L	2000-5000	A3	L	< 2000	A23	L	2000-5000	A24	L	2000-5000				A11	L	< 2000				A68	L	> 5000	A69	L	> 5000	A80	L	> 5000						
185	A2	L	< 2000	A203	L	2000-5000				A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000	A11	L	> 5000	A31	L	< 2000	A68	L	< 2000	A69	L	< 2000	A80	L	< 2000	B51	L	< 2000	B52	L	< 2000
218	A2	L	< 2000	A203	L	< 2000				A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000	A11	L	2000-5000	A31	L	< 2000	A68	L	< 2000	A69	L	< 2000				B51	L	< 2000	B52	L	< 2000
229	A2	L	< 2000	A203	L	< 2000				A23	L	< 2000				A2403	L	< 2000	A11	L	> 5000	A31	L	< 2000	A68	L	< 2000				A80	L	< 2000	B51	L	< 2000	B52	L	< 2000
238	A2	L	2000-5000																						A68	L	< 2000	A69	L	< 2000	A80	L	< 2000						
262	A2	L	< 2000																						A68	L	< 2000	A69	L	< 2000	A80	L	< 2000						
268	A2	L	2000-5000																A11	L	2000-5000	A31	L	< 2000	A68	L	< 2000	A69	L	< 2000				B51	L	< 2000			
297	A2	L	< 2000	A203	L	< 2000				A23	L	< 2000	A24	L	< 2000							A31	L	< 2000	A68	L	< 2000	A69	L	< 2000	A80	L	< 2000	B51	L	< 2000			
309	A2	L	2000-5000	A203	L	2000-5000																			A68	L	< 2000	A69	L	< 2000	A80	L	< 2000						
Number	12	< 2000		9	< 2000		1	< 2000		6	< 2000		4	< 2000		3	< 2000		6	< 2000		6	< 2000		12	< 2000		10	< 2000		10	< 2000		6	< 2000		3	< 2000	
Total number	12	7		12	6		12	1		12	5		12	3		12	3		12	1		12	6		12	11		12	9		12	9		12	6		12	3	
		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			3			0			1			1			0			2			0			0			0			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000
		1			0			0			0			0			0			3			0			1			1			1			0			0	

HLA specificities from users of both LABScreen & Lifecodes kits

Consensus	A2	A203	A3	A23	A24	A2403	A11	A31	A68	A69	A80	B51	B52
	Present	Not Assessed			Not Assessed				Present	Present	Present		
% reported	100.0%	55.6%	0.0%	0.0%	22.2%	0.0%	0.0%	0.0%	100.0%	88.9%	88.9%	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
24	A2	L	> 5000	A203	L	> 5000																			A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
25	A2	L	2000-5000																						A68	L	< 2000	A69	L	2000-5000	A80	L	< 2000						
28	A2	L	> 5000	A203	L	2000-5000																			A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
34	A2	L	2000-5000	A203	L	2000-5000																			A68	L	< 2000	A69	L	2000-5000	A80	L	< 2000						
48	A2	L	> 5000										A24	L	< 2000										A68	L	> 5000	A69	L	> 5000	A80	L	> 5000						
58	A2	L	2000-5000	A203	L	2000-5000																			A68	L	2000-5000	A69	L	2000-5000	A80	L	2000-5000						
186	A2	L	> 5000										A24	L	< 2000										A68	L	> 5000	A69	L	> 5000	A80	L	> 5000						
227	A2	L	> 5000	A203	L	> 5000																			A68	L	> 5000	A69	L	> 5000	A80	L	> 5000						
267	A2	L																							A68	L													
Number	9	< 2000		5	< 2000		0	< 2000		0	< 2000		2	< 2000		0	< 2000		0	< 2000		0	< 2000		9	< 2000		8	< 2000		8	< 2000		0	< 2000		0	< 2000	
Total number	9	0		9	0		9	0		9	0		9	2		9	0		9	0		9	0		9	2		9	0		9	2		9	0		9	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
		3			3			0			0			0			0			0			0			3			5			3			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000
		5			2			0			0			0			0			0			0			3			3			3			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 308/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

	B7	B8	B44	B13	B64	B65	B77	B38	B39	B3901	B57	B58	B49
Consensus	Not Assessed	Absent	Absent	Absent	Not Assessed	Not Assessed	Not Assessed	Absent	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed
% reported	6.7%	1.3%	1.3%	1.3%	8.0%	8.0%	6.7%	4.0%	6.7%	8.0%	61.3%	48.0%	8.0%

HLA specificities from One Lambda kit users only

	B7			B8			B44			B13			B64			B65			B77			B38			B39			B3901			B57			B58			B49		
Consensus																															Not Assessed			Not Assessed					
% reported	0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			72.5%			51.0%			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
9																															B57	L	< 2000	B58	L	< 2000			
11																																							
12																															B57	L	< 2000	B58	L	< 2000			
14																																							
15																																							
19																															B57	L	< 2000	B58	L	< 2000			
20																															B57	L	< 2000	B58	L	< 2000			
23																															B57	L	< 2000	B58	L	< 2000			
26																																							
35																															B57	L	< 2000	B58	L	< 2000			
38																															B57	L	< 2000						
39																																							
41																															B57	L	2000-5000	B58	L	2000-5000			
42																															B57	L	< 2000	B58	L	< 2000			
45																																							
51																															B57	L	< 2000	B58	L	< 2000			
54																															B57	L	< 2000	B58	L	< 2000			
62																															B57	L	< 2000	B58	L	< 2000			
114																															B57	L	2000-5000	B58	L	< 2000			
116																															B57	L	< 2000						
117																															B57	L	< 2000	B58	L	< 2000			
119																															B57	L	2000-5000	B58	L	< 2000			
120																															B57	L	< 2000	B58	L	< 2000			
136																															B57	L	< 2000	B58	L	< 2000			
139																															B57	L	< 2000						
142																															B57	L	< 2000						
143																															B57	L	< 2000						
145																															B57	L	< 2000	B58	L	< 2000			
147																															B57	L	2000-5000	B58	L	< 2000			
157																															B57	L	< 2000						
159																																							
162																															B57	L	< 2000	B58	L	< 2000			
164																																							
165																															B57	F+E+L	< 2000	B58	F+E				
169																															B57	L	< 2000	B58	L	< 2000			
181																																							
190																															B57	L	< 2000						
193																																							
194																															B57	L	< 2000						
195																															B57	L	< 2000						
206																																							
209																															B57	L	< 2000	B58	L	< 2000			
216																																		B58	L	2000-5000			
232																																							
235																															B57	L		B58	L				
243																															B57	L	< 2000						
245																															B57	L	< 2000	B58	L	< 2000			
277																															B57	L	< 2000	B58	L	< 2000			
284																															B57	L	< 2000						
303																																							
311																															B57	L	< 2000						
Number	0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		37	< 2000		26	< 2000		0	< 2000	
Total number	51	0		51	0		51	0		51	0		51	0		51	0		51	0		51	0		51	0		51	0		51	0		51	22		51	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	
		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	
		0			0			0			0			0			0			0			0			0			0			0			0			0		

HLA specificities from Lifecodes kit users only

	B7			B8			B44			B13			B64			B65			B77			B38			B39			B3901			B57			B58			B49		
Consensus	Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed		
% reported	41.7%			8.3%			8.3%			8.3%			50.0%			50.0%			41.7%			25.0%			41.7%			50.0%			16.7%			25.0%			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	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29																						B38	L	< 2000	B39	L	2000-5000							B58	L	< 2000	B49	L	< 2000
100																															B57	L	< 2000	B58	L	< 2000			
112	B7	L	< 2000										B64	L	2000-5000	B65	L	> 5000	B77	L	< 2000							B3901	L	< 2000									
149													B64	L	< 2000	B65	L	< 2000	B77	L	< 2000							B3901	L	< 2000	B57	L	< 2000	B58	L	< 2000	B49	L	< 2000
185	B7	L	< 2000										B64	L	> 5000	B65	L	> 5000	B77	L	< 2000				B39	L	2000-5000	B3901	L	2000-5000							B49	L	< 2000
218	B7	L	< 2000										B64	L	2000-5000	B65	L	2000-5000	B77	L	< 2000				B39	L	2000-5000	B3901	L	2000-5000							B49	L	< 2000
229				B8	L	< 2000																B38	L	< 2000				B3901	L	2000-5000							B49	L	< 2000
238																																							
262													B64	L	< 2000	B65	L	< 2000																					
268	B7	L	< 2000										B64	L	< 2000	B65	L	< 2000	B77	L	< 2000				B39	L	< 2000										B49	L	< 2000
297	B7	L	< 2000				B44	L	< 2000	B13	L	< 2000										B38	L	< 2000	B39	L	< 2000	B3901	L	< 2000									
309																																							
Number	5	< 2000		1	< 2000		1	< 2000		1	< 2000		6	< 2000		6	< 2000		5	< 2000		3	< 2000		5	< 2000		6	< 2000		2	< 2000		3	< 2000		6	< 2000	
Total number	12	5		12	1		12	1		12	1		12	3		12	3		12	5		12	3		12	2		12	2		12	2		12	3		12	6	
		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			2			1			0			0			3			3			0			0			0		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			1			2			0			0			0			0			0			0			0		

HLA specificities from users of both LABScreen & Lifecodes kits

	B7			B8			B44			B13			B64			B65			B77			B38			B39			B3901			B57			B58			B49		
Consensus																															Not Assessed			Not Assessed					
% reported	0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			66.7%			66.7%			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
24																															B57	L	< 2000	B58	L	< 2000			
25																																							
28																															B57	L	< 2000	B58	L	< 2000			
34																															B57	L	< 2000	B58	L	< 2000			
48																															B57	L	2000-5000	B58	L	2000-5000			
58																																							
186																															B57	L	2000-5000	B58	L	2000-5000			
227																															B57	L	< 2000	B58	L	< 2000			
267																																							
Number	0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		6	< 2000		6	< 2000		0	< 2000	
Total number	9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	4		9	4		9	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	
		0			0			0			0			0			0			0			0			0			0			2			2			0		
		> 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		

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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 308/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

	B55	B56	B27	B2708	B35	B37	B61	B41	B46	B47	B48	B53	B73
Consensus	Absent	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Absent	Not Assessed	Absent	Not Assessed	Not Assessed	Not Assessed	Absent	Not Assessed
% reported	1.3%	8.0%	8.0%	6.7%	5.3%	1.3%	6.7%	2.7%	8.0%	12.0%	5.3%	1.3%	8.0%

HLA specificities from One Lambda kit users only

	B55			B56			B27			B2708			B35			B37			B61			B41			B46			B47			B48			B53			B73		
Consensus																Absent																							
% reported	0.0%			0.0%			0.0%			0.0%			0.0%			2.0%			0.0%			0.0%			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
9																																							
11																																							
12																																							
14																																							
15																																							
19																B37	L	< 2000																					
20																																							
23																																							
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209																																							
216																																							
232																																							
235																																							
243																																							
245																																							
277																																							
284																																							
303																																							
311																																							
Number	0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		1	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000	
Total number	51	0		51	0		51	0		51	0		51	0		51	1		51	0		51	0		51	0		51	0		51	0		51	0		51	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			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 Lifecodes kit users only

	B55			B56			B27			B2708			B35			B37			B61			B41			B46			B47			B48			B53			B73		
Consensus	Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed						Not Assessed			Not Assessed			Not Assessed			Present			Not Assessed			Not Assessed			Not Assessed		
% reported	8.3%			50.0%			50.0%			41.7%			33.3%			0.0%			41.7%			16.7%			50.0%			75.0%			33.3%			8.3%			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	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29																												B47	L	2000-5000	B48	L	< 2000				B73	L	< 2000
100																																							
112				B56	L	< 2000	B27	L	< 2000	B2708	L	< 2000	B35	L	< 2000				B61	L	< 2000	B41	L	2000-5000	B46	L	< 2000	B47	L	2000-5000	B48	L	2000-5000				B73	L	< 2000
149																																							
185				B56	L	< 2000	B27	L	< 2000	B2708	L	< 2000	B35	L	2000-5000				B61	L	< 2000				B46	L	< 2000	B47	L	2000-5000							B73	L	< 2000
218				B56	L	< 2000	B27	L	< 2000	B2708	L	< 2000	B35	L	2000-5000				B61	L	< 2000				B46	L	< 2000	B47	L	2000-5000							B73	L	< 2000
229				B56	L	< 2000	B27	L	< 2000	B2708	L		B35	L	2000-5000										B46	L	< 2000	B47	L	2000-5000	B48	L	< 2000				B73	L	< 2000
238																						B41	L	< 2000				B47	L	< 2000	B48	L	< 2000						
262																												B47	L	< 2000									
268				B56	L	< 2000	B27	L	< 2000										B61	L	< 2000				B46	L	< 2000	B47	L	< 2000									
297	B55	L	< 2000	B56	L	< 2000	B27	L	< 2000	B2708	L	< 2000							B61	L	< 2000				B46	L	< 2000	B47	L	< 2000				B53	L	< 2000	B73	L	< 2000
309																																							
Number	1	< 2000		6	< 2000		6	< 2000		5	< 2000		4	< 2000		0	< 2000		5	< 2000		2	< 2000		6	< 2000		9	< 2000		4	< 2000		1	< 2000		6	< 2000	
Total number	12	1		12	6		12	6		12	4		12	1		12	0		12	5		12	1		12	6		12	4		12	3		12	1		12	6	
		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			3			0			0			1			0			5			1			0			0		
		> 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		

HLA specificities from users of both LABScreen & Lifecodes kits

	B55			B56			B27			B2708			B35			B37			B61			B41			B46			B47			B48			B53			B73		
Consensus																																							
% reported	0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%			0.0%		
Lab no.	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																																							
25																																							
28																																							
34																																							
48																																							
58																																							
186																																							
227																																							
267																																							
Number	0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000	
Total number	9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	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			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		

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 308/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

	B78	B82	Cw1	Cw2	Cw4	Cw5	Cw6	Cw7	Cw15	Cw17	Cw18
Consensus	Absent	Absent	Not Assessed	Present	Not Assessed	Present	Present	Not Assessed	Present	Present	Present
% reported	2.7%	2.7%	9.3%	82.7%	62.7%	88.0%	84.0%	5.3%	84.0%	81.3%	92.0%

HLA specificities from One Lambda kit users only

	B78			B82			Cw1			Cw2			Cw4			Cw5			Cw6			Cw7			Cw15			Cw17			Cw18		
Consensus										Present			Not Assessed			Present			Present						Present			Present			Present		
% reported	0.0%			0.0%			0.0%			96.1%			70.6%			96.1%			96.1%			0.0%			96.1%			96.1%			96.1%		
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
9										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
11										Cw2	L	< 2000				Cw5	L	2000-5000	Cw6	L	2000-5000				Cw15	L	2000-5000	Cw17	L	< 2000	Cw18	L	2000-5000
12										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
14										Cw2	L	2000-5000				Cw5	L	2000-5000	Cw6	L	2000-5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
15										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	> 5000				Cw15	L	2000-5000	Cw17	L	> 5000	Cw18	L	2000-5000
19										Cw2	L	> 5000	Cw4	L	2000-5000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
20										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
23										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	> 5000
26										Cw2	L	2000-5000				Cw5	L	2000-5000	Cw6	L	2000-5000				Cw15	L	2000-5000	Cw17	L	2000-5000	Cw18	L	2000-5000
35										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	2000-5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
38										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
39										Cw2	L	> 5000				Cw5	L	2000-5000	Cw6	L	> 5000				Cw15	L	2000-5000	Cw17	L	> 5000	Cw18	L	2000-5000
41										Cw2	L	> 5000	Cw4	L	> 5000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
42										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
45										Cw2	L	> 5000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	2000-5000
51										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	2000-5000				Cw15	L	2000-5000	Cw17	L	2000-5000	Cw18	L	2000-5000
54										Cw2	L	2000-5000				Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
62										Cw2	L	> 5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
114										Cw2	L	2000-5000	Cw4	L	2000-5000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
116										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
117										Cw2	L	2000-5000	Cw4	E+L	< 2000	Cw5	L	2000-5000	Cw6	E+L	2000-5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	E+L	2000-5000
119										Cw2	L	> 5000	Cw4	L	2000-5000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
120										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	2000-5000				Cw15	L	2000-5000	Cw17	L	2000-5000	Cw18	L	2000-5000
136										Cw2	L	2000-5000	Cw4	L	2000-5000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
139										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
142										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
143										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
145										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	> 5000
147										Cw2	L	> 5000	Cw4	L	2000-5000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
157										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
159										Cw2	L	2000-5000				Cw5	L	2000-5000	Cw6	L	2000-5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
162										Cw2	L	2000-5000	Cw4	L	2000-5000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
164										Cw2	L	> 5000				Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
165										Cw2	F+L	2000-5000	Cw4	F		Cw5	F+L	> 5000	Cw6	F+E+L	> 5000				Cw15	F+E+L	> 5000	Cw17	F+L	2000-5000	Cw18	F+L	> 5000
169										Cw2	L	> 5000	Cw4	L	2000-5000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
181										Cw2	L	< 2000				Cw5	L	2000-5000	Cw6	L	2000-5000				Cw15	L	2000-5000	Cw17	L	2000-5000	Cw18	L	2000-5000
190										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
193										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	2000-5000				Cw15	L	2000-5000	Cw17	L	2000-5000	Cw18	L	2000-5000
194										Cw2	L	> 5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
195										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
206										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
209										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	> 5000
216																																	
232										Cw2	L	2000-5000				Cw5	L	2000-5000	Cw6	L	> 5000				Cw15	L	2000-5000	Cw17	L	2000-5000	Cw18	L	2000-5000
235																																	
243										Cw2	L	2000-5000				Cw5	L	> 5000	Cw6	L	2000-5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
245										Cw2	L	> 5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
277										Cw2	L	< 2000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	2000-5000				Cw15	L	> 5000	Cw17	L	< 2000	Cw18	L	2000-5000
284										Cw2	L	2000-5000				Cw5	L	2000-5000	Cw6	L	2000-5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
303										Cw2	L	2000-5000				Cw5	L	> 5000	Cw6	L	2000-5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
311										Cw2	L	2000-5000				Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
Number	0	< 2000		0	< 2000		0	< 2000		49	< 2000		36	< 2000		49	< 2000		49	< 2000		0	< 2000		49	< 2000		49	< 2000		49	< 2000	
Total number	51	0		51	0		51	0		51	3		51	27		51	0		51	0		51	0		51	0		51	2		51	0	
		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			35			7			19			14			0			9			28			29	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			11			1			30			35			0			40			19			20	

HLA specificities from Lifecodes kit users only

	B78			B82			Cw1			Cw2			Cw4			Cw5			Cw6			Cw7			Cw15			Cw17			Cw18		
Consensus	Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Present		
% reported	16.7%			16.7%			58.3%			25.0%			25.0%			58.3%			33.3%			33.3%			33.3%			16.7%			83.3%		
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	spec	tech	MFI	spec	tech	MFI
29	B78	L	< 2000	B82	L	< 2000																									Cw18	L	< 2000
100													Cw4	L	< 2000	Cw5	L	< 2000	Cw6	L	< 2000				Cw15	L	< 2000	Cw17	L	< 2000	Cw18	L	< 2000
112							Cw1	L	> 5000	Cw2	L	2000-5000							Cw6	L	2000-5000	Cw7	L	< 2000							Cw18	L	< 2000
149							Cw1	L	< 2000	Cw2	L	< 2000	Cw4	L	> 5000	Cw5	L	> 5000	Cw6	L	< 2000				Cw15	L	2000-5000				Cw18	L	> 5000
185							Cw1	L	< 2000							Cw5	L	< 2000				Cw7	L	< 2000	Cw15	L	< 2000				Cw18	L	< 2000
218							Cw1	L	< 2000							Cw5	L	< 2000				Cw7	L	< 2000							Cw18	L	< 2000
229	B78	L	< 2000	B82	L	< 2000	Cw1	L	< 2000													Cw7	L	< 2000							Cw18	L	< 2000
238							Cw1	L	< 2000																								
262																Cw5	L	< 2000													Cw18	L	< 2000
268																																	
297							Cw1	L	2000-5000	Cw2	L	2000-5000				Cw5	L	< 2000													Cw18	L	< 2000
309													Cw4	L	< 2000	Cw5	L	< 2000	Cw6	L	2000-5000				Cw15	L	< 2000	Cw17	L	< 2000	Cw18	L	< 2000
Number	2	< 2000		2	< 2000		7	< 2000		3	< 2000		3	< 2000		7	< 2000		4	< 2000		4	< 2000		4	< 2000		2	< 2000		10	< 2000	
Total number	12	2		12	2		12	5		12	1		12	2		12	6		12	2		12	4		12	3		12	2		12	9	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			0			1			2			0			0			2			0			1			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			1			0			1			1			0			0			0			0			1	

HLA specificities from users of both LABScreen & Lifecodes kits

	B78			B82			Cw1			Cw2			Cw4			Cw5			Cw6			Cw7			Cw15			Cw17			Cw18		
Consensus										Present			Present			Present			Present						Present			Present			Present		
% reported	0.0%			0.0%			0.0%			88.9%			77.8%			88.9%			88.9%			0.0%			88.9%			88.9%			88.9%		
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
24										Cw2	L	> 5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
25										Cw2	L	2000-5000				Cw5	L	2000-5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
28										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	2000-5000	Cw18	L	2000-5000
34										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	2000-5000				Cw15	L	2000-5000	Cw17	L	2000-5000	Cw18	L	2000-5000
48										Cw2	L	> 5000	Cw4	L	2000-5000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
58										Cw2	L	2000-5000	Cw4	L	< 2000	Cw5	L	2000-5000	Cw6	L	2000-5000				Cw15	L	2000-5000	Cw17	L	2000-5000	Cw18	L	2000-5000
186										Cw2	L	> 5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
227										Cw2	L	> 5000	Cw4	L	< 2000	Cw5	L	> 5000	Cw6	L	> 5000				Cw15	L	> 5000	Cw17	L	> 5000	Cw18	L	> 5000
267																																	
Number	0	< 2000		0	< 2000		0	< 2000		8	< 2000		7	< 2000		8	< 2000		8	< 2000		0	< 2000		8	< 2000		8	< 2000		8	< 2000	
Total number	9	0		9	0		9	0		9	0		9	6		9	0		9	0		9	0		9	0		9	0		9	0	
		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			4			1			4			2			0			2			4			4	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			4			0			4			6			0			6			4			4	

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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 309/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

	A30	A31	B51	B5102	B52	B13	B75	B77	B38	B49	B50	B27
Consensus	Not Assessed	Not Assessed	Present	Not Assessed	Absent	Absent	Present	Not Assessed	Absent	Not Assessed	Not Assessed	Absent
% reported	42.7%	20.0%	84.0%	48.0%	1.3%	1.3%	76.0%	69.3%	1.3%	24.0%	20.0%	1.3%

HLA specificities from One Lambda kit users only

	A30			A31			B51			B5102			B52			B13			B75			B77			B38			B49			B50			B27		
Consensus	Not Assessed			Not Assessed			Present			Not Assessed						Absent			Present			Present						Not Assessed			Not Assessed					
% reported	47.1%			23.5%			98.0%			60.8%			0.0%			2.0%			88.2%			80.4%			0.0%			29.4%			23.5%			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
9	A30	L	< 2000	A31	L	< 2000	B51	L	2000-5000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000				B49	L	< 2000	B50	L	< 2000			
11							B51	L	< 2000	B5102	L	< 2000																								
12	A30	L	< 2000	A31	L	< 2000	B51	L	< 2000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000				B49	L	< 2000	B50	L	< 2000			
14							B51	L	< 2000	B5102	L	2000-5000																								
15	A30	L	< 2000				B51	L	< 2000																											
19	A30	L	< 2000				B51	L	< 2000	B5102	L	< 2000							B75	L	< 2000	B77	L	< 2000												
20	A30	L	< 2000	A31	L	< 2000	B51	L	2000-5000										B75	L	< 2000	B77	L	< 2000				B49	L	< 2000	B50	L	< 2000			
23							B51	L	2000-5000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000												
26							B51	L	< 2000										B75	L	< 2000															
35							B51	L	2000-5000	B5102	L	2000-5000							B75	L	2000-5000	B77	L	< 2000												
38	A30	L	< 2000	A31	L	< 2000	B51	L	2000-5000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000												
39	A30	L	2000-5000	A31	L	< 2000	B51	L	2000-5000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000												
41							B51	L	2000-5000	B5102	L	2000-5000							B75	L	2000-5000															
42	A30	L	< 2000	A31	L	< 2000	B51	L	< 2000	B5102	L	< 2000							B75	L	< 2000	B77	L	< 2000				B49	L	< 2000	B50	L	< 2000			
45							B51	L	< 2000	B5102	L	< 2000							B75	L	< 2000	B77	L	< 2000												
51	A30	L	< 2000	A31	L	< 2000	B51	L	< 2000	B5102	L	< 2000							B75	L	< 2000	B77	L	< 2000				B49	L	< 2000	B50	L	< 2000			
54							B51	L	< 2000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000												
62							B51	L	< 2000	B5102	L	2000-5000																								
114							B51	L	2000-5000	B5102	L	2000-5000							B75	L	2000-5000	B77	L	2000-5000				B49	L	< 2000	B50	L	< 2000			
116	A30	L	< 2000				B51	L	2000-5000	B5102	L	2000-5000							B75	L	2000-5000	B77	L	< 2000												
117	A30	E+L	< 2000				B51	L	< 2000	B5102	L	2000-5000				B13	L	< 2000	B75	E+L	< 2000	B77	L	< 2000				B49	E+L	< 2000	B50	L	< 2000			
119	A30	L	< 2000				B51	L	2000-5000	B5102	L	2000-5000							B75	L	2000-5000	B77	L	2000-5000				B49	L	< 2000						
120	A30	L	< 2000				B51	L	2000-5000										B75	L	< 2000	B77	L	< 2000												
136	A30	L	< 2000				B51	L	2000-5000	B5102	L	2000-5000							B75	L	2000-5000	B77	L	2000-5000				B49	L	< 2000						
139							B51	L	< 2000										B75	L	< 2000	B77	L	< 2000												
142	A30	L	< 2000				B51	L	< 2000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000												
143							B51	L	2000-5000	B5102	L	2000-5000							B75	L	2000-5000	B77	L	< 2000												
145							B51	L	1, 2	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000												
147	A30	L	< 2000	A31	L	< 2000	B51	L	< 2000										B75	L	2000-5000	B77	L	2000-5000				B49	L	< 2000	B50	L	< 2000			
157	A30	L	< 2000				B51	L	2000-5000	B5102	L	2000-5000							B75	L	2000-5000	B77	L	2000-5000				B49	L	< 2000	B50	L	< 2000			
159	A30	L	< 2000				B51	L	2000-5000										B75	L	2000-5000	B77	L	2000-5000												
162							B51	L	2000-5000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000												
164							B51	L	2000-5000																											
165	A30	F+E+L	< 2000	A31	F+E+L		B51	F+L	2000-5000										B75	F+E+L	< 2000	B77	F+L	< 2000				B49	F+E+L	< 2000	B50	F+L	< 2000			
169							B51	L	< 2000	B5102	L	< 2000							B75	L	< 2000	B77	L	< 2000												
181	A30	L	< 2000	A31	L	< 2000	B51	L	< 2000										B75	L	< 2000	B77	L	< 2000				B49	L	< 2000						
190							B51	L	< 2000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000												
193							B51	L	2000-5000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000												
194							B51	L	2000-5000										B75	L	< 2000	B77	L	< 2000												
195	A30	L	< 2000				B51	L	2000-5000										B75	L	< 2000	B77	L	< 2000												
206							B51	L	2000-5000										B75	L	< 2000	B77	L	< 2000												
209	A30	L	< 2000	A31	L	< 2000	B51	L	2000-5000										B75	L	< 2000	B77	L	< 2000				B49	L	< 2000	B50	L	< 2000			
216							B51	L	< 2000										B75	L	< 2000															
232	A30	L	< 2000	A31	L	< 2000	B51	L	2000-5000										B75	L	< 2000	B77	L	< 2000				B49	L	< 2000	B50	L	< 2000			
235																																				
243							B51	L	2000-5000										B75	L	< 2000	B77	L	< 2000												
245	A30	L	< 2000				B51	L	2000-5000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000												
277							B51	L	2000-5000										B75	L	< 2000	B77	L	< 2000												
284							B51	L	< 2000	B5102	L	< 2000							B75	L	< 2000															
303							B51	L	2000-5000										B75	L	< 2000	B77	L	< 2000												
311							B51	L	2000-5000	B5102	L	2000-5000							B75	L	2000-5000	B77	L	< 2000												
Number	24	< 2000		12	< 2000		50	< 2000		31	< 2000		0	< 2000		1	< 2000		45	< 2000		41	< 2000		0	< 2000		15	< 2000		12	< 2000		0	< 2000	
Total number	51	23		51	11		51	20		51	7		51	0		51	1		51	34		51	35		51	0		51	15		51	12		51	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			0			29			24			0			0			11			6			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		

HLA specificities from Lifecodes kit users only

	A30			A31			B51			B5102			B52			B13			B75			B77			B38			B49			B50			B27		
Consensus	Not Assessed						Not Assessed						Not Assessed						Not Assessed			Not Assessed			Not Assessed											
% reported	16.7%			0.0%			25.0%			0.0%			8.3%			0.0%			16.7%			16.7%			8.3%			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
29	A30	L	< 2000				B51	L	< 2000										B75	L	< 2000															
100							B51	L	< 2000													B77	L	< 2000												
112																																				
149							B51	L	< 2000				B52	L	< 2000				B75	L	< 2000	B77	L	< 2000												
185																																				
218																																				
229																									B38	L	< 2000									
238	A30	L	< 2000																																	
262																																				
268																																				
297																																				
309																																				
Number	2	< 2000		0	< 2000		3	< 2000		0	< 2000		1	< 2000		0	< 2000		2	< 2000		2	< 2000		1	< 2000		0	< 2000		0	< 2000		0	< 2000	
Total number	12	2		12	0		12	3		12	0		12	1		12	0		12	2		12	2		12	1		12	0		12	0		12	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			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		

HLA specificities from users of both LABScreen & Lifecodes kits

	A30			A31			B51			B5102			B52			B13			B75			B77			B38			B49			B50			B27		
Consensus	Not Assessed			Not Assessed			Present			Not Assessed									Present			Present						Not Assessed			Not Assessed			Not Assessed		
% reported	66.7%			33.3%			88.9%			44.4%			0.0%			0.0%			88.9%			77.8%			0.0%			33.3%			33.3%			11.1%		
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
24	A30	L	< 2000				B51	L	< 2000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000												
25							B51	L	< 2000										B75	L	< 2000															
28	A30	L	< 2000				B51	L	< 2000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000				B49	L	< 2000	B50	L	< 2000			
34	A30	L	< 2000	A31	L	< 2000	B51	L	< 2000	B5102	L	< 2000							B75	L	< 2000	B77	L	< 2000												
48	A30	L	2000-5000	A31	L	< 2000	B51	L	> 5000										B75	L	2000-5000	B77	L	2000-5000				B49	L	< 2000	B50	L	< 2000			
58	A30	L	< 2000				B51	L	< 2000	B5102	L	2000-5000							B75	L	< 2000	B77	L	< 2000												
186							B51	L	2000-5000										B75	L	2000-5000	B77	L	< 2000												
227	A30	L	< 2000	A31	L	< 2000	B51	L	2000-5000										B75	L	2000-5000	B77	L	2000-5000				B49	L	< 2000	B50	L	< 2000			
267																																		B27	L	
Number	6	< 2000		3	< 2000		8	< 2000		4	< 2000		0	< 2000		0	< 2000		8	< 2000		7	< 2000		0	< 2000		3	< 2000		3	< 2000		1	< 2000	
Total number	9	5		9	3		9	5		9	1		9	0		9	0		9	5		9	5		9	0		9	3		9	3		9	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			0			2			3			0			0			3			2			0			0			0			0		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			1			0			0			0			0			0			0			0			0			0		

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HLA specificities from all participants

	B35	B41	B53	B59	B71	B78	Cw6	Cw7	Cw18
Consensus	Present	Absent	Present	Absent	Not Assessed	Present	Absent	Absent	Absent
% reported	93.3%	1.3%	88.0%	2.7%	60.0%	86.7%	1.3%	1.3%	1.3%

HLA specificities from One Lambda kit users only

	B35			B41			B53			B59			B71			B78			Cw6			Cw7			Cw18		
Consensus	Present						Present						Not Assessed			Present			Absent			Absent			Absent		
% reported	100.0%			0.0%			92.2%			0.0%			74.5%			94.1%			2.0%			2.0%			2.0%		
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
9	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
11	B35	L	< 2000													B78	L	< 2000									
12	B35	L	2000-5000				B53	L	2000-5000				B71	L	< 2000	B78	L	2000-5000									
14	B35	L	2000-5000				B53	L	< 2000							B78	L	< 2000									
15	B35	L	< 2000				B53	L	< 2000							B78	L	< 2000									
19	B35	L	< 2000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
20	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
23	B35	L	2000-5000				B53	L	2000-5000				B71	L	< 2000	B78	L	< 2000									
26	B35	L	< 2000				B53	L	< 2000							B78	L	< 2000									
35	B35	L	2000-5000				B53	L	2000-5000				B71	L	< 2000	B78	L	2000-5000	Cw6	L	< 2000	Cw7	L	< 2000	Cw18	L	< 2000
38	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
39	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
41	B35	L	2000-5000				B53	L	2000-5000							B78	L	2000-5000									
42	B35	L	< 2000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
45	B35	L	< 2000				B53	L	< 2000							B78	L	< 2000									
51	B35	L	< 2000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
54	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
62	B35	L	2000-5000				B53	L	2000-5000							B78	L	< 2000									
114	B35	L	> 5000				B53	L	2000-5000				B71	L	< 2000	B78	L	2000-5000									
116	B35	L	2000-5000				B53	L	2000-5000				B71	L	< 2000	B78	L	2000-5000									
117	B35	E+L	2000-5000										B71	L	< 2000	B78	L	< 2000									
119	B35	L	2000-5000				B53	L	2000-5000				B71	L	< 2000	B78	L	2000-5000									
120	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
136	B35	L	2000-5000				B53	C+L	2000-5000				B71	L	< 2000	B78	L	2000-5000									
139	B35	L	2000-5000				B53	L	< 2000							B78	L	< 2000									
142	B35	L	2000-5000				B53	L	< 2000							B78	L	< 2000									
143	B35	L	2000-5000				B53	L	2000-5000				B71	L	< 2000	B78	L	2000-5000									
145	B35	L	2000-5000				B53	L	2000-5000				B71	L	< 2000	B78	L	< 2000									
147	B35	L	2000-5000				B53	L	2000-5000				B71	L	2000-5000	B78	L	2000-5000									
157	B35	L	2000-5000				B53	L	2000-5000				B71	L	< 2000	B78	L	2000-5000									
159	B35	L	2000-5000				B53	L	2000-5000				B71	L	< 2000	B78	L	2000-5000									
162	B35	L	2000-5000				B53	L	2000-5000				B71	L	< 2000	B78	L	2000-5000									
164	B35	L	2000-5000				B53	L	2000-5000																		
165	B35	F+E+L	2000-5000				B53	F+E+L	< 2000				B71	F+L	< 2000	B78	F+L	< 2000									
169	B35	L	< 2000													B78	L	< 2000									
181	B35	L	< 2000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
190	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	2000-5000									
193	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
194	B35	L	2000-5000				B53	L	2000-5000				B71	L	< 2000	B78	L	2000-5000									
195	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
206	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
209	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
216	B35	L	< 2000				B53	L	< 2000																		
232	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
235	B35	L											B71	L													
243	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
245	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	2000-5000									
277	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
284	B35	L	< 2000				B53	L	< 2000							B78	L	< 2000									
303	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
311	B35	L	2000-5000				B53	L	2000-5000				B71	L	< 2000	B78	L	2000-5000									
Number	51	< 2000		0	< 2000		47	< 2000		0	< 2000		38	< 2000		48	< 2000		1	< 2000		1	< 2000		1	< 2000	
Total number	51	11		51	0		51	29		51	0		51	36		51	32		51	1		51	1		51	1	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		38			0			18			0			1			16			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		1			0			0			0			0			0			0			0			0	

HLA specificities from Lifecodes kit users only

	B35			B41			B53			B59			B71			B78			Cw6			Cw7			Cw18		
Consensus	Not Assessed			Not Assessed			Not Assessed			Not Assessed						Not Assessed											
% reported	66.7%			8.3%			66.7%			16.7%			0.0%			58.3%			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
29	B35	L	< 2000				B53	L	< 2000							B78	L	< 2000									
100	B35	L	< 2000				B53	L	< 2000	B59	L	< 2000				B78	L	< 2000									
112																											
149	B35	L	2000-5000				B53	L	2000-5000							B78	L	< 2000									
185	B35	L	< 2000				B53	L	< 2000							B78	L	< 2000									
218																											
229				B41	L	< 2000	B53	L	< 2000							B78	L	< 2000									
238	B35	L	< 2000				B53	L	< 2000																		
262	B35	L	< 2000				B53	L	< 2000							B78	L	< 2000									
268	B35	L	< 2000																								
297																											
309	B35	L	< 2000				B53	L	< 2000	B59	L	< 2000				B78	L	< 2000									
Number	8	< 2000		1	< 2000		8	< 2000		2	< 2000		0	< 2000		7	< 2000		0	< 2000		0	< 2000		0	< 2000	
Total number	12	7		12	1		12	7		12	2		12	0		12	7		12	0		12	0		12	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		1			0			1			0			0			0			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			0			0			0			0	

HLA specificities from users of both LABScreen & Lifecodes kits

	B35			B41			B53			B59			B71			B78			Cw6			Cw7			Cw18		
Consensus	Present						Present						Not Assessed			Present											
% reported	100.0%			0.0%			100.0%			0.0%			55.6%			88.9%			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
24	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
25	B35	L	< 2000				B53	L	< 2000							B78	L	< 2000									
28	B35	L	2000-5000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
34	B35	L	< 2000				B53	L	< 2000				B71	L	< 2000	B78	L	< 2000									
48	B35	L	> 5000				B53	L	> 5000				B71	L	2000-5000	B78	L	> 5000									
58	B35	L	2000-5000				B53	L	< 2000							B78	L	< 2000									
186	B35	L	2000-5000				B53	L	2000-5000							B78	L	2000-5000									
227	B35	L	> 5000				B53	L	2000-5000				B71	L	2000-5000	B78	L	2000-5000									
267	B35	L					B53	L																			
Number	9	< 2000		0	< 2000		9	< 2000		0	< 2000		5	< 2000		8	< 2000		0	< 2000		0	< 2000		0	< 2000	
Total number	9	2		9	0		9	5		9	0		9	3		9	5		9	0		9	0		9	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		4			0			2			0			2			2			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		2			0			1			0			0			1			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 310/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

Consensus	A1	A2	A203	A3	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30
% reported	Present 86.7%	Not Assessed 24.0%	Not Assessed 42.7%	Present 82.7%	Not Assessed 8.0%	Not Assessed 52.0%	Not Assessed 65.3%	Present 100.0%	Present 100.0%	Present 98.7%	Present 97.3%	Present 96.0%	Present 96.0%	Present 96.0%

HLA specificities from One Lambda kit users only

Consensus	A1	A2	A203	A3	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30
% reported	Present 98.0%	Not Assessed 31.4%	Not Assessed 51.0%	Present 96.1%	Absent 3.9%	Not Assessed 58.8%	Not Assessed 70.6%	Present 100.0%	Present 100.0%	Present 100.0%	Present 98.0%	Present 98.0%	Present 100.0%	Present 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
9	A1	L	> 5000	A2	L	< 2000	A203	L	< 2000	A3	L	2000-5000				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
11	A1	L	> 5000							A3	L	< 2000				A24	L	< 2000	A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
12	A1	L	> 5000				A203	L	2000-5000	A3	L	2000-5000	A23	L	< 2000	A24	L	< 2000	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
14	A1	L	> 5000							A3	L	2000-5000				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
15	A1	L	> 5000	A2	L	< 2000				A3	L	2000-5000				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
19	A1	L	> 5000				A203	L	< 2000	A3	L	2000-5000	A23	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
20	A1	L	> 5000	A2	L	< 2000				A3	L	2000-5000				A24	L	< 2000	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
23	A1	L	> 5000							A3	L	2000-5000										A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
26	A1	L	> 5000							A3	L	< 2000							A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
35	A1	L	> 5000				A203	L	< 2000	A3	L	2000-5000				A24	L	< 2000	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
38	A1	L	> 5000				A203	L	< 2000	A3	L	2000-5000										A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
39	A1	L	> 5000				A203	L	< 2000	A3	L	2000-5000							A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
41	A1	L	> 5000				A203	L	2000-5000	A3	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
42	A1	L	> 5000				A203	L	< 2000	A3	L	2000-5000				A24	L	< 2000	A2403	L	< 2000	A25	C+L	> 5000	A26	C+L	> 5000	A34	C+L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
45	A1	L	> 5000							A3	L	2000-5000							A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
51	A1	L	> 5000							A3	L	< 2000							A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
54	A1	L		A2	L	< 2000	A203	L	< 2000	A3	L	2000-5000				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
62	A1	L	> 5000							A3	L	2000-5000				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
114	A1	L	> 5000				A203	L	2000-5000	A3	L	> 5000				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
116	A1	L	> 5000				A203	L	< 2000	A3	L	2000-5000							A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
117	A1	E+L	> 5000	A2	E+L	< 2000	A203	L	< 2000	A3	E+L	2000-5000				A24	E+L	2000-5000	A2403	L	> 5000	A25	E+L	> 5000	A26	E+L	> 5000	A34	E+L	> 5000	A66	E+L	> 5000	A11	E+L	> 5000	A29	E+L	> 5000	A30	E+L	> 5000
119	A1	L	> 5000				A203	L	< 2000	A3	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
120	A1	L	> 5000	A2	L	< 2000				A3	L	2000-5000				A24	L	1, 2				A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
136	A1	C+L	> 5000	A2	L	< 2000	A203	L	< 2000	A3	C+L	2000-5000				A24	L	2000-5000	A2403	L	2000-5000	A25	L	> 5000	A26	C+L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
139	A1	L	> 5000							A3	L	2000-5000				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
142	A1	L	> 5000	A2	L	< 2000				A3	L	2000-5000							A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
143	A1	L	> 5000	A2	L	< 2000	A203	L	< 2000	A3	L	2000-5000				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
145	A1	L	2000-5000							A3	L	< 2000							A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	2000-5000	A29	L	> 5000	A30	L	> 5000
147	A1	L	> 5000				A203	L	2000-5000	A3	L	2000-5000							A2403	L	2000-5000	A25	L	> 5000	A26	C+L	> 5000	A34	C+L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
157	A1	L	> 5000	A2	L	< 2000	A203	L	< 2000	A3	L	2000-5000				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
159	A1	L	> 5000							A3	L	2000-5000							A2403	L	2000-5000	A25	C+L	> 5000	A26	C+L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
162	A1	L	> 5000				A203	L	< 2000	A3	L	2000-5000							A2403	L	2000-5000	A25	L	> 5000	A26	C+L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
164	A1	L	> 5000							A3	L	2000-5000				A24	L	2000-5000				A25	C+L	> 5000	A26	C+L	> 5000	A34	L	> 5000	A66	C+L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
165	A1	F+E+L	> 5000	A2	L	2000-5000				A3	F+E+L	2000-5000				A24	F+E+L	2000-5000				A25	F+E+L	> 5000	A26	F+E+L	> 5000	A34	F+E+L	> 5000	A66	F+E+L	> 5000	A11	F+E+L	> 5000	A29	F+E+L	> 5000	A30	F+E+L	> 5000
169	A1	L	> 5000	A2	L	< 2000	A203	L	< 2000	A3	L	> 5000				A24	L	< 2000	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
181	A1	L	> 5000				A203	L	< 2000	A3	L	2000-5000				A24	L	< 2000	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
190	A1	L	> 5000				A203	L	< 2000	A3	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
193	A1	L	> 5000				A203	L	< 2000	A3	L	2000-5000							A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
194	A1	L	> 5000							A3	L	2000-5000				A24	L	< 2000				A25	C+L	> 5000	A26	C+L	> 5000	A34	C+L	> 5000	A66	C+L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
195	A1	L	> 5000	A2	L	< 2000				A3	L	2000-5000				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
206	A1	L	> 5000							A3	L	2000-5000				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
209	A1	L	> 5000	A2	L	< 2000				A3	L	2000-5000				A24	L	< 2000	A2403	L	< 2000	A25	C+L	> 5000	A26	C+L	> 5000	A34	C+L	> 5000	A66	C+L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
216	A1	L	> 5000													A24	L	> 5000				A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
232	A1	L	> 5000							A3	L	2000-5000				A24	L	< 2000				A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
235																						A25	L		A26	L		A34	L									A29	L		A30	L	
243	A1	L	> 5000				A203	L	< 2000	A3	L	2000-5000							A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
245	A1	L	> 5000	A2	L	2000-5000	A203	L	2000-5000	A3	L	2000-5000				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
277	A1	L	> 5000				A203	L	< 2000	A3	L	2000-5000							A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
284	A1	L	> 5000							A3	L	< 2000							A2403	L	< 2000	A25	C+L	> 5000	A26	C+L	> 5000	A34	L	> 5000	A66	C+L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	C+L	> 5000
303	A1	L	> 5000							A3	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
311	A1	L	> 5000	A2	L	< 2000	A203	L	< 2000	A3	L	2000-5000				A24	L	2000-5000	A2403	L	2000-5000	A25	C+L	> 5000	A26	C+L	> 5000	A34	C+L	> 5000	A66	C+L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
Number	50	< 2000		16	< 2000		26	< 2000		49	< 2000		2	< 2000		30	< 2000		36	< 2000		51	< 2000		51	< 2000		50	< 2000		50	< 2000		51	< 2000		51	< 2000	
Total number	51	0		51	14		51	21		51	5		51	2		51	10		51	13		51	0		51	0		51	0		51	0		51	0		51	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	
		1			2			5			42			0			18			22			0			0			0			0			1			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		48			0			0			2			0			1			1			50			50			50			50			48			50			50	

HLA specificities from Lifecodes kit users only

Consensus	A1	A2	A203	A3	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30
% reported	Not Assessed 50.0%	0.0%	0.0%	Not Assessed 41.7%	Not Assessed 33.3%	Not Assessed 25.0%	Not Assessed 50.0%	Present 100.0%	Present 100.0%	Present 100.0%	Present 100.0%	Present 91.7%	Present 91.7%	Present 91.7%

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	spec	tech	MFI	spec	tech	MFI
29										A3	L	< 2000	A23	L	< 2000	A24	L	< 2000	A2403	L	< 2000	A25	C+L	2000-5000	A26	C+L	> 5000	A34	C+L	> 5000	A66	C+L	> 5000	A11	L	2000-5000	A29	L	< 2000	A30	L	< 2000
100	A1	L	2000-5000							A3	L	< 2000	A23	L	< 2000	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
112	A1	L	2000-5000																			A25	L	2000-5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	2000-5000	A29	L	< 2000	A30	L	< 2000
149	A1	L	< 2000							A3	L	< 2000	A23	L	< 2000				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	2000-5000
185	A1	L	2000-5000							A3	L	< 2000	A23	L	< 2000	A24	L	< 2000	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	2000-5000
218																						A25	L	< 2000	A26	L	2000-5000	A34	L	2000-5000	A66	L	< 2000	A11	L	< 2000	A29	L	< 2000	A30	L	< 2000
229																						A25	L	2000-5000	A26	L	> 5000	A34	L	2000-5000	A66	L	2000-5000									
238	A1	L	2000-5000																			A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	2000-5000	A29	L	2000-5000	A30	L	2000-5000
262																						A25	L	2000-5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	2000-5000	A29	L	2000-5000	A30	L	2000-5000
268																						A25	C+L	> 5000	A26	C+L	> 5000	A34	L	> 5000	A66	C+L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
297																			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	2000-5000
309	A1	L	2000-5000							A3	L	< 2000							A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	2000-5000	A11	L	2000-5000	A29	L	2000-5000	A30	L	2000-5000
Number	6	< 2000		0	< 2000		0	< 2000		5	< 2000		4	< 2000		3	< 2000		6	< 2000		12	< 2000		12	< 2000		12	< 2000		12	< 2000		11	< 2000		11	< 2000		11	< 2000	
Total number	12	1		12	0		12	0		12	5		12	4		12	3		12	6		12	1		12	0		12	0		12	1		12	1		12	3		12	3	
		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	
		5			0			0			0			0			0			0			4			1			2			2			8			7			7	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			0			0			0			7			11			10			9			2			1			1	

HLA specificities from users of both LABScreen & Lifecodes kits

Consensus	A1	A2	A203	A3	A23	A24	A2403	A25	A26	A34	A66	A11	A29	A30
% reported	Present 77.8%	Not Assessed 22.2%	Not Assessed 55.6%	Present 77.8%	0.0%	Not Assessed 66.7%	Not Assessed 66.7%	Present 100.0%	Present 100.0%	Present 100.0%	Present 100.0%	Present 100.0%	Present 88.9%	Present 88.9%

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
24	A1	L	> 5000				A203	L	< 2000	A3	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
25	A1	L	2000-5000							A3	L	< 2000				A24	L	< 2000				A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
28	A1	L	> 5000				A203	L	< 2000	A3	L	2000-5000				A24	L	< 2000	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
34	A1	L	> 5000	A2	L	< 2000	A203	L	< 2000	A3	L	2000-5000				A24	L	< 2000	A2403	L	< 2000	A25	L	> 5000	A26	L	> 5000	A34	L	> 5000	A66	L	> 5000	A11	L	> 5000	A29	L	> 5000	A30	L	> 5000
48	A1	L	> 5000				A203	L	2000-5000	A3	L	> 5000				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
58	A1	L	> 5000	A2	L	< 2000	A203	L	< 2000	A3	L	2000-5000				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
186																						A25	C+L	2000-5000	A26	C+L	> 5000	A34	L	> 5000	A66	C+L	> 5000	A11	L	2000-5000	A29	L	< 2000	A30	L	< 2000
227	A1	L	> 5000							A3	L	2000-5000				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
267																						A25	L		A26	L		A34	L		A66	L		A11	L								
Number	7	< 2000		2	< 2000		5	< 2000		7	< 2000		0	< 2000		6	< 2000		6	< 2000		9	< 2000		9	< 2000		9	< 2000		9	< 2000		9	< 2000		8	< 2000		8	< 2000	
Total number	9	0		9	2		9	4		9	1		9	0		9	3		9	1		9	0		9	0		9	0		9	0		9	0		9	1		9	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	
		1			0			1			5			0			3			5			1			0			0			0			1			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		6			0			0			1			0			0			0			7			8			8			8			7			7			7	

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 310/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

	A31	A32	A33	A74	A68	A69	A36	A43	A80	B51	B5102	B52	B7	B703
Consensus	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Not Assessed	Not Assessed	Not Assessed	Absent
% reported	93.3%	90.7%	98.7%	94.7%	97.3%	94.7%	88.0%	94.7%	84.0%	81.3%	54.7%	40.0%	12.0%	1.3%

HLA specificities from One Lambda kit users only

	A31	A32	A33	A74	A68	A69	A36	A43	A80	B51	B5102	B52	B7	B703
Consensus	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Not Assessed	Not Assessed	Not Assessed	
% reported	98.0%	98.0%	100.0%	96.1%	100.0%	98.0%	98.0%	96.1%	96.1%	96.1%	66.7%	45.1%	13.7%	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
9	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000									
11	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	2000-5000	A43	L	> 5000	A80	L	> 5000	B51	L	< 2000	B5102	L	< 2000												
12	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000	B7	L	< 2000						
14	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000												
15	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000				B52	L	< 2000	B7	L	< 2000						
19	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000	B7	L	< 2000						
20	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000				B52	L	< 2000									
23	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000												
26	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	2000-5000	A43	L	> 5000	A80	L	2000-5000	B51	L	< 2000															
35	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000									
38	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000												
39	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	< 2000	B51	L	< 2000	B5102	L	< 2000												
41	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L		B5102	L	2000-5000												
42	A31	L	> 5000	A32	L	2000-5000	A33	C+L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	< 2000	B52	L	< 2000	B7	L	< 2000						
45	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	2000-5000	A43	L	> 5000	A80	L	> 5000	B51	L	< 2000	B5102	L	< 2000												
51	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	2000-5000	A43	L	> 5000	A80	L	2000-5000	B51	L	< 2000	B5102	L	< 2000												
54	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000									
62	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000									
114	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000									
116	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000												
117	A31	E+L	> 5000	A32	E+L	2000-5000	A33	E+L	> 5000	A74	E+L	> 5000	A68	E+L	> 5000	A69	E+L	> 5000	A36	E+L	> 5000	A43	L	> 5000	A80	E+L	> 5000	B51	E+L	2000-5000	B5102	L	2000-5000	B52	E+L	< 2000									
119	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000												
120	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000				B52	L	< 2000									
136	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	C+L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000									
139	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000												
142	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000												
143	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000									
145	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	2000-5000	A43	L	> 5000	A80	L	> 5000	B51	L	< 2000	B5102	L	< 2000												
147	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000															
157	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000												
159	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000															
162	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000									
164	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000															
165	A31	F+E+L	> 5000	A32	F+E+L	> 5000	A33	F+E+L	> 5000	A74	F+E+L	> 5000	A68	F+E+L	> 5000	A69	F+L	> 5000	A36	F+E+L	> 5000	A43	F+L	> 5000	A80	F+E+L	> 5000	B51	F+L	2000-5000				B52	F										
169	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	> 5000	B5102	L	> 5000	B52	L	< 2000	B7	L	< 2000						
181	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000	B7	L	< 2000						
190	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000												
193	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000												
194	A31	C+L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000				B52	L	< 2000									
195	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000				B52	L	< 2000									
206	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000															
209	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000				B52	L	< 2000									
216	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000				A68	L	> 5000	A69	L	> 5000	A36	L	> 5000																B7	L	> 5000						
232	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	2000-5000	A43	L	> 5000	A80	L	> 5000	B51	L	< 2000															
235							A33	L					A68	L																															
243	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000															
245	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000									
277	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	< 2000	B52	L	< 2000									
284	A31	L	> 5000	A32	L	2000-5000	A33	C+L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	2000-5000	A43	L	> 5000	A80	L	> 5000	B51	L	< 2000	B5102	L	< 2000												
303	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000															
311	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000												
Number	50	< 2000		50	< 2000		51	< 2000		49	< 2000		51	< 2000		50	< 2000		50	< 2000		50	< 2000		49	< 2000		49	< 2000		34	< 2000		23	< 2000		7	< 2000		0	< 2000			
Total number	51	0		51	0		51	0		51	0		51	0		51	0		51	0		51	0		51	0		51	0		51	8		51	22		51	6		51	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			
		0			15			0			0			0			0			7			0			2			39			25			0			0			0			
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			
		50			35			50			49			50			50			43			49			47			1			1			0			1			0			

HLA specificities from Lifecodes kit users only

	A31	A32	A33	A74	A68	A69	A36	A43	A80	B51	B5102	B52	B7	B703
Consensus	Present	Not Assessed	Present	Present	Present	Present	Not Assessed	Present	Not Assessed	Not Assessed		Not Assessed		Not Assessed
% reported	83.3%	66.7%	100.0%	91.7%	100.0%	83.3%	58.3%	100.0%	41.7%	33.3%	0.0%	16.7%	0.0%	8.3%

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	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29	A31	L	< 2000				A33	L	2000-5000	A74	L	< 2000	A68	L	2000-5000	A69	L	< 2000	A36	L	< 2000	A43	L	2000-5000																
100	A31	L	2000-5000	A32	L	< 2000	A33	L	> 5000	A74	L	2000-5000	A68	L	> 5000	A69	L	> 5000	A36	L	2000-5000	A43	L	> 5000	A80	L	< 2000	B51	L	< 2000											
112	A31	L	< 2000	A32	L	< 2000	A33	L	2000-5000	A74	L	< 2000	A68	L	2000-5000	A69	L	< 2000	A36	L	2000-5000	A43	L	2000-5000																
149	A31	L	2000-5000	A32	L		A33	L		A74	L	2000-5000	A68	L	> 5000	A69	L	2000-5000	A36	L	< 2000	A43	L	> 5000	A80	L	< 2000	B51	L	< 2000											
185	A31	L	2000-5000	A32	L	< 2000	A33	L	2000-5000	A74	L	2000-5000	A68	L	2000-5000	A69	L	2000-5000	A36	L	2000-5000	A43	L	2000-5000	A80	L	< 2000	B51	L	< 2000				B52	L	< 2000								
218				A32	L	< 2000	A33	L	< 2000	A74	L	< 2000	A68	L	< 2000							A43	L	< 2000																	
229							A33	L	2000-5000				A68	L	2000-5000							A43	L	2000-5000				B51	L	< 2000										B703	L	< 2000
238	A31	L	< 2000	A32	L	< 2000	A33	L	2000-5000	A74	L	2000-5000	A68	L	2000-5000	A69	L	2000-5000	A36	L	2000-5000	A43	L	2000-5000																	
262	A31	L	< 2000				A33	L	2000-5000	A74	L	2000-5000	A68	L	2000-5000	A69	L	< 2000				A43	L	2000-5000																	
268	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000				A43	L	> 5000	A80	L	> 5000							B52	L	< 2000								
297	A31	L	< 2000				A33	L	2000-5000	A74	L	2000-5000	A68	L	2000-5000	A69	L	< 2000				A43	L	2000-5000																	
309	A31	L	2000-5000	A32	L	2000-5000	A33	L	2000-5000	A74	L	2000-5000	A68	L	2000-5000	A69	L	2000-5000	A36	L	2000-5000	A43	L	2000-5000	A80	L	< 2000															
Number	10	< 2000		8	< 2000		12	< 2000		11	< 2000		12	< 2000		10	< 2000		7	< 2000		12	< 2000		5	< 2000		4	< 2000		0	< 2000		2	< 2000		0	< 2000		1	< 2000			
Total number	12	5		12	5		12	1		12	3		12	1		12	4		12	2		12	1		12	4		12	2		12	0		12	2		12	0		12	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			
		4			2			8			7			8			4			5			8			0			0			0			0			0			0			
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			
		1			0			2			1			3			2			0			3			1			0			0			0			0			0			

HLA specificities from users of both LABScreen & Lifecodes kits

	A31	A32	A33	A74	A68	A69	A36	A43	A80	B51	B5102	B52	B7	B703
Consensus	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Not Assessed	Not Assessed	Not Assessed	
% reported	88.9%	88.9%	100.0%	100.0%	88.9%	100.0%	77.8%	88.9%	77.8%	77.8%	66.7%	55.6%	22.2%	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
24	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000									
25	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	2000-5000	A43	L	> 5000	A80	L	2000-5000	B51	L	< 2000															
28	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000	B7	L	< 2000						
34	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	2000-5000	A43	L	> 5000	A80	L	2000-5000	B51	L	< 2000	B5102	L	< 2000	B52	L	< 2000									
48	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	> 5000	B5102	L	> 5000	B52	L	2000-5000									
58	A31	L	> 5000	A32	L	2000-5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	2000-5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000												
186	A31	L	< 2000				A33	L	2000-5000	A74	L	< 2000	A68	L	2000-5000	A69	L	< 2000				A43	L	2000-5000																	
227	A31	L	> 5000	A32	L	> 5000	A33	L	> 5000	A74	L	> 5000	A68	L	> 5000	A69	L	> 5000	A36	L	> 5000	A43	L	> 5000	A80	L	> 5000	B51	L	2000-5000	B5102	L	2000-5000	B52	L	< 2000									
267				A32	L		A33	L		A74	L					A69	L																				B7	L							
Number	8	< 2000		8	< 2000		9	< 2000		9	< 2000		8	< 2000		9	< 2000		7	< 2000		8	< 2000		7	< 2000		7	< 2000		6	< 2000		5	< 2000		2	< 2000		0	< 2000			
Total number	9	1		9	0		9	0		9	1		9	0		9	1		9	0		9	0		9	0		9	2		9	1		9	4		9	1		9	0			
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			3			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			
		0			4			1			0			1			0			1			1			2			4			4			1			0			0			
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			
		7			3			7			7			7			7			4			7			5			1			1			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 310/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

Consensus	B8	B44	B45	B13	B64	B65	B62	B63	B75	B76	B77	B38	B39	B3901
	Present	Present	Absent	Present	Present	Present	Absent	Not Assessed	Not Assessed	Absent	Not Assessed	Present	Present	Not Assessed
% reported	98.7%	82.7%	2.7%	85.3%	88.0%	89.3%	1.3%	17.3%	52.0%	2.7%	45.3%	86.7%	80.0%	33.3%

HLA specificities from One Lambda kit users only

Consensus	B8			B44			B45			B13			B64			B65			B62			B63			B75			B76			B77			B38			B39			B3901		
	Present			Present			Absent			Present			Present			Present			Absent			Not Assessed			Not Assessed			Absent			Not Assessed			Present			Present			Not Assessed		
% reported	100.0%			96.1%			3.9%			96.1%			100.0%			100.0%			2.0%			19.6%			62.7%			3.9%			54.9%			96.1%			86.3%			35.3%		
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	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	B8	L	> 5000	B44	L	> 5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000				B63	L	< 2000	B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
11	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	2000-5000	B65	L	> 5000																B38	L	2000-5000	B39	L	2000-5000	B3901	L	2000-5000
12	B8	L	> 5000	B44	L	> 5000	B45	L	< 2000	B13	L	> 5000	B64	L	> 5000	B65	L	> 5000				B63	L	< 2000	B75	L	< 2000	B76	L	< 2000	B77	L	< 2000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000
14	B8	L	> 5000	B44	L	> 5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000																B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000
15	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000				B63	L	< 2000	B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
19	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000				B63	L	< 2000	B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
20	B8	L	> 5000	B44	L	> 5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000				B63	L	< 2000	B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
23	B8	L	> 5000	B44	L	< 2000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000																B38	L	> 5000	B39	L	> 5000			
26	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	2000-5000	B65	L	2000-5000																B38	L	2000-5000	B39	L	2000-5000			
35	B8	L	> 5000	B44	L	> 5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
38	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000																B38	L	> 5000	B39	L	> 5000			
39	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000																B38	L	> 5000	B39	L	> 5000			
41	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000							B75	L	2000-5000							B38	L	> 5000	B39	L	> 5000			
42	B8	L	> 5000	B44	L	> 5000				B13	L	2000-5000	B64	L	2000-5000	B65	L	> 5000				B63	L	< 2000	B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	2000-5000	B3901	L	2000-5000
45	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	2000-5000	B65	L	> 5000																B38	L	> 5000	B39	L	2000-5000	B3901	L	2000-5000
51	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	2000-5000	B65	L	> 5000																B38	L	2000-5000	B39	L	2000-5000			
54	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000
62	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000							B75	L	2000-5000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
114	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000							B75	L	2000-5000				B77	L	2000-5000	B38	L	> 5000				B3901	L	> 5000
116	B8	L	> 5000	B44	L	> 5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000				B3901	L	> 5000
117	B8	E+L	> 5000	B44	E+L	> 5000				B13	E+L	> 5000	B64	E+L	> 5000	B65	E+L	> 5000							B75	E+L	< 2000				B77	E+L	< 2000	B38	E+L	> 5000	B39	E+L	> 5000			
119	B8	L	> 5000	B44	L	2, 3				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000				B3901	L	> 5000
120	B8	L	> 5000	B44	L	2, 3				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
136	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
139	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000																B38	L	> 5000	B39	L	> 5000			
142	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	2000-5000	B65	L	> 5000							B75	L	< 2000							B38	L	> 5000	B39	L	2000-5000			
143	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000
145	B8	L	> 5000	B44	L	1, 2				B13	L	1, 2	B64	L	2000-5000	B65	L	2000-5000																B38	L	2000-5000				B3901	L	2000-5000
147	B8	L	> 5000	B44	L	> 5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	2000-5000				B77	L	< 2000	B38	C+L	> 5000	B39	C+L	> 5000			
157	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
159	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000																B38	L	> 5000	B39	L	> 5000			
162	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
164	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000																B38	C+L	> 5000	B39	L	> 5000			
165	B8	F+L	> 5000	B44	F+E+L	2000-5000				B13	F+L	> 5000	B64	F+L	> 5000	B65	F+L	> 5000							B75	F+L								B38	F+L	2000-5000	B39	F+L	> 5000			
169	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000				B63	L	< 2000	B75	L	< 2000	B76	L	< 2000	B77	L	2000-5000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000
181	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000				B63	L	< 2000	B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
190	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000
193	B8	L	> 5000	B44	L	> 5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000							B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000
194	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000				B63	L	< 2000							B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
195	B8	L	> 5000	B44	L	> 5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
206	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000													B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
209	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
216	B8	L	> 5000										B64	L	> 5000	B65	L	> 5000																								
232	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	2000-5000	B65	L	> 5000																B38	L	2000-5000	B39	L	2000-5000			
235	B8	L											B64	L		B65	L																									
243	B8	L	> 5000	B44	L	< 2000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000							B38	L	> 5000				B3901	L	> 5000
245	B8	L	> 5000	B44	L	> 5000	B45	L	< 2000	B13	L	> 5000	B64	L	> 5000	B65	L	> 5000	B62	L	< 2000	B63	L	< 2000	B75	L	2000-5000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000
277	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
284	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	2000-5000	B65	L	> 5000																B38	L	2000-5000	B39	L	2000-5000	B3901	L	2000-5000
303	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000																B38	L	> 5000	B39	L	> 5000			
311	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000							B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000
Number	51	< 2000		49	< 2000		2	< 2000		49	< 2000		51	< 2000		51	< 2000		1	< 2000		10	< 2000		32	< 2000		2	< 2000		28	< 2000		49	< 2000		44	< 2000		18	< 2000	
Total number	51	0		51	2		51	2		51	0		51	0		51	0		51	1		51	10		51	26		51	2		51	26		51	0		51	0		51	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	
		0			23			0			35			9			2			0			0			5			0			2			7			8			5	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		50			21			0			13			41			48			0			0			0			0			0			42			36			13		

HLA specificities from Lifecodes kit users only

Consensus	B8			B44			B45			B13			B64			B65			B62			B63			B75			B76			B77			B38			B39			B3901		
	Present			Not Assessed						Not Assessed			Not Assessed			Not Assessed																		Not Assessed			Not Assessed			Not Assessed		
% reported	100.0%			33.3%			0.0%			41.7%			50.0%			50.0%			0.0%			0.0%			0.0%			0.0%			0.0%			58.3%			50.0%			33.3%		
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	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
29	B8	L	2000-5000																															B38	L	< 2000	B39	L	< 2000			
100	B8	L	> 5000	B44	L	< 2000				B13	L	< 2000	B64	L	> 5000	B65	L	> 5000																B38	L	< 2000	B39	L	< 2000			
112	B8	L	2000-5000										B64	L	2000-5000	B65	L	2000-5000																								
149	B8	L	2000-5000	B44	L	< 2000				B13	L	< 2000	B64	L		B65	L																	B38	L	2000-5000				B3901	L	< 2000
185	B8	L	> 5000							B13	L	< 2000	B64	L	2000-5000	B65	L	> 5000																B38	L	< 2000	B39	L	< 2000	B3901	L	< 2000
218	B8	L	< 2000																																		B39	L	< 2000			
229	B8	L	< 2000	B44	L	< 2000				B13	L	< 2000																						B38	L	< 2000				B3901	L	< 2000
238	B8	L	> 5000										B64	L	2000-5000	B65	L	2000-5000																								
262	B8	L	2000-5000																																							
268	B8	L	> 5000							B13	L	2000-5000																						B38	L	2000-5000	B39	L	2000-5000			
297	B8	L	2000-5000																																					B3901	L	< 2000
309	B8	L	> 5000	B44	L	< 2000							B64	L	2000-5000	B65	L	2000-5000																B38	L	< 2000	B39	L	< 2000			
Number	12	< 2000		4	< 2000		0	< 2000		5	< 2000		6	< 2000		6	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000		7	< 2000		6	< 2000		4	< 2000	
Total number	12	2		12	4		12	0		12	4		12	0		12	0		12	0		12	0		12	0		12	0		12	0		12	5		12	5		12	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	
		5			0			0			1			4			3			0			0			0			0			0			2			1			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		5			0			0			0			1			2			0			0			0			0			0			0			0			0		

HLA specificities from users of both LABScreen & Lifecodes kits

Consensus	B8			B44			B45			B13			B64			B65			B62			B63			B75			B76			B77			B38			B39			B3901		
	Present			Present						Present			Present			Present						Not Assessed			Not Assessed						Not Assessed			Present			Present			Not Assessed		
% reported	100.0%			77.8%			0.0%			88.9%			77.8%			88.9%			0.0%			33.3%			66.7%			0.0%			55.6%			77.8%			88.9%			33.3%		
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	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000	B3901	L	> 5000
25	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	2000-5000	B65	L	2000-5000																B38	L	2000-5000	B39	L	2000-5000			
28	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000				B63	L	< 2000	B75	L	< 2000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
34	B8	L	> 5000	B44	L	2000-5000				B13	L	2000-5000	B64	L	2000-5000	B65	L	2000-5000				B63	L	< 2000	B75	L	< 2000				B77	L	< 2000	B38	L	2000-5000	B39	L	2000-5000	B3901	L	2000-5000
48	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000				B63	L	2000-5000	B75	L	2000-5000				B77	L	2000-5000	B38	L	> 5000	B39	L	> 5000			
58	B8	L	> 5000	B44	L	> 5000				B13	L	2000-5000	B64	L	> 5000	B65	L	> 5000							B75	L	< 2000							B38	L	> 5000	B39	L	2000-5000	B3901	L	2000-5000
186	B8	L	2000-5000																																							
227	B8	L	> 5000	B44	L	> 5000				B13	L	> 5000	B64	L	> 5000	B65	L	> 5000							B75	L	> 5000				B77	L	< 2000	B38	L	> 5000	B39	L	> 5000			
267	B8	L								B13	L					B65	L																				B39	L				
Number	9	< 2000		7	< 2000		0	< 2000		8	< 2000		7	< 2000		8	< 2000		0	< 2000		3	< 2000		6	< 2000		0	< 2000		5	< 2000		7	< 2000		8	< 2000		3	< 2000	
Total number	9	0		9	0		9	0		9	0		9	0		9	0		9	0		9	2		9	4		9	0		9	4		9	0		9	0		9	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	
		1			2			0			3			2			2			0			1			1			0			1			2			3			2	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		7			5			0			4			5			5			0			0			1			0			0			5			4			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 310/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

	B57	B58	B18	B54	B55	B56	B27	B35	B37	B41	B42	B46	B47	B48
Consensus	Not Assessed	Not Assessed	Present	Present	Present	Present	Present	Present	Present	Present	Present	Not Assessed	Present	Not Assessed
% reported	10.7%	10.7%	98.7%	94.7%	89.3%	81.3%	96.0%	88.0%	94.7%	92.0%	97.3%	5.3%	88.0%	61.3%

HLA specificities from One Lambda kit users only

	B57			B58			B18			B54			B55			B56			B27			B35			B37			B41			B42			B46			B47			B48		
Consensus	Absent			Absent			Present			Present			Present			Present			Present			Present			Present			Present			Present						Present			Present		
% reported	2.0%			2.0%			98.0%			98.0%			98.0%			96.1%			98.0%			96.1%			96.1%			96.1%			98.0%			0.0%			96.1%			76.5%		
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	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
11							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	< 2000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	2000-5000			
12				B58	L	< 2000	B18	L	> 5000	B54	L	> 5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	2000-5000
14							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	> 5000			
15							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
19							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	2000-5000
20							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
23							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000				B27	L		B35	L	2000-5000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	2000-5000			
26							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	< 2000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	2000-5000			
35							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
38							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
39							B18	L	> 5000	B54	L	2000-5000	B55	L	< 2000	B56	L	< 2000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
41							B18	L	> 5000	B54	L	> 5000	B55	L	> 5000	B56	L	2000-5000	B27	L		B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	2000-5000
42							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	C+L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
45							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	< 2000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	2000-5000			
51							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	< 2000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	2000-5000			
54							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
62							B18	L	> 5000	B54	L	> 5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	2000-5000
114							B18	L	> 5000	B54	L	> 5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	2000-5000
116							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
117							B18	E+L	> 5000	B54	E+L	2000-5000	B55	E+L	> 5000	B56	E+L	2000-5000	B27	E+L	> 5000	B35	E+L	2000-5000	B37	E+L	> 5000	B41	E+L	2000-5000	B42	E+L	> 5000				B47	E+L	> 5000	B48	L	< 2000
119							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
120							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
136							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	C+L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
139							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
142							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
143							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
145							B18	L	> 5000	B54	L	2000-5000	B55	L	2000-5000	B56	L	< 2000	B27	L	2000-5000	B35	L	< 2000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	2000-5000			
147							B18	L	> 5000	B54	L	> 5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	C+L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	2000-5000
157							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L		B35	L	2000-5000	B37	L	2000-5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
159							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
162							B18	L	> 5000	B54	L	> 5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
164							B18	L	> 5000	B54	L	> 5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000			
165							B18	F+E+L	> 5000	B54	F+L	> 5000	B55	F+L	> 5000	B56	F+L	2000-5000	B27	F+L	> 5000	B35	F+E+L	2000-5000	B37	F+E+L	> 5000	B41	F+L	> 5000	B42	F+L	> 5000				B47	F+L	> 5000	B48	F	
169							B18	L	> 5000	B54	L	> 5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	> 5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	2000-5000
181							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
190							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
193							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
194							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
195							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
206							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
209							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	2000-5000	B48	L	< 2000
216	B57	L	> 5000							B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000										B42	L	> 5000							B48	L	> 5000
232							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	< 2000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	2000-5000			
235							B18	L																																		
243							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	2000-5000	B48	L	< 2000
245							B18	L	> 5000	B54	L	> 5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	2000-5000
277							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	< 2000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	2000-5000	B48	L	< 2000
284							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	< 2000	B37	C+L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	2000-5000			
303							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000			
311							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	C+L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
Number	1	< 2000		1	< 2000		50	< 2000		50	< 2000		50	< 2000		49	< 2000		50	< 2000		49	< 2000		49	< 2000		50	< 2000		50	< 2000		0	< 2000		49	< 2000		39	< 2000	
Total number	51	0		51	1		51	0		51	0		51	1		51	17		51	0		51	8		51	0		51	0		51	0		51	0		51	0		51	29	
		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			39			1			31			1			40			1			21			0			0			11			8	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		1			0			49			11			48			1			46			1			48			28			50			0			38			1	

HLA specificities from Lifecodes kit users only

	B57			B58			B18			B54			B55			B56			B27			B35			B37			B41			B42			B46			B47			B48		
Consensus	Not Assessed			Not Assessed			Present			Present			Not Assessed			Not Assessed			Present			Present			Present			Present			Present			Not Assessed			Not Assessed					
% reported	50.0%			50.0%			100.0%			91.7%			66.7%			25.0%			100.0%			75.0%			91.7%			83.3%			100.0%			33.3%			58.3%			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							B18	L	< 2000	B54	L	< 2000	B55	L	< 2000				B27	L	< 2000	B35	L	< 2000	B37	L	2000-5000	B41	L	< 2000	B42	L	< 2000				B47	L	< 2000			
100	B57	L		B58	L	< 2000	B18	L	> 5000	B54	L	2000-5000	B55	L	2000-5000	B56	L	< 2000	B27	L	2000-5000	B35	L	< 2000	B37	L	> 5000	B41	L	< 2000	B42	L	> 5000				B47	L	2000-5000			
112	B57	L	< 2000	B58	L	< 2000	B18	L	2000-5000	B54	L	< 2000	B55	L	< 2000				B27	L	< 2000	B35	L	< 2000	B37	L	< 2000	B41	L	< 2000	B42	L	2000-5000				B47	L	< 2000			
149							B18	L	2000-5000	B54	L	2000-5000	B55	L	< 2000	B56	L	< 2000	B27	L	2000-5000	B35	L	< 2000	B37	L	< 2000	B41	L	2000-5000	B42	L	> 5000	B46	L	2000-5000	B47	L	< 2000			
185	B57	L	< 2000	B58	L	< 2000	B18	L	2000-5000	B54	L	2000-5000	B55	L	< 2000				B27	L	< 2000	B35	L	< 2000	B37	L	> 5000	B41	L	< 2000	B42	L	2000-5000	B46	L	< 2000	B47	L	< 2000			
218							B18	L	< 2000										B27	L	< 2000				B37	L	< 2000				B42	L	< 2000									
229	B57	L	< 2000	B58	L	< 2000	B18	L	2000-5000	B54	L	< 2000	B55	L	< 2000				B27	L	< 2000	B35	L	< 2000				B41	L	< 2000	B42	L	2000-5000	B46	L	< 2000						
238	B57	L	< 2000	B58	L	< 2000	B18	L	2000-5000	B54	L	2000-5000	B55	L	< 2000				B27	L	2000-5000	B35	L	< 2000	B37	L	> 5000				B42	L	2000-5000									
262							B18	L	2000-5000	B54	L	< 2000							B27	L	< 2000				B37	L	> 5000	B41	L	< 2000	B42	L	2000-5000									
268							B18	L	> 5000	B54	L	> 5000							B27	L	> 5000				B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000	B46	L	2000-5000						
297							B18	L	2000-5000	B54	L	< 2000							B27	L	2000-5000	B35	L	< 2000	B37	L	> 5000	B41	L	< 2000	B42	L	2000-5000				B47	L	< 2000			
309	B57	L	< 2000	B58	L	< 2000	B18	L	2000-5000	B54	L	2000-5000	B55	L	2000-5000	B56	L	< 2000	B27	L	2000-5000	B35	L	< 2000	B37	L	> 5000	B41	L	< 2000	B42	L	2000-5000				B47	L	< 2000			
Number	6	< 2000		6	< 2000		12	< 2000		11	< 2000		8	< 2000		3	< 2000		12	< 2000		9	< 2000		11	< 2000		10	< 2000		12	< 2000		4	< 2000		7	< 2000		0	< 2000	
Total number	12	5		12	6		12	2		12	5		12	6		12	3		12	6		12	9		12	1		12	8		12	1		12	2		12	6		12	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	
		0			0			8			5			2			0			5			0			1			2			8			2			1			0		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			2			1			0			0			1			0			8			0			3			0			0			0		

HLA specificities from users of both LABScreen & Lifecodes kits

	B57			B58			B18			B54			B55			B56			B27			B35			B37			B41			B42			B46			B47			B48		
Consensus	Not Assessed			Not Assessed			Present			Present			Present			Present			Present			Present			Present			Present			Present						Present			Not Assessed		
% reported	11.1%			11.1%			100.0%			88.9%			77.8%			88.9%			88.9%			77.8%			88.9%			88.9%			100.0%			0.0%			88.9%			66.7%		
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	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
24							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
25							B18	L	> 5000	B54	L	< 2000	B55	L	> 5000	B56	L	< 2000	B27	L	> 5000	B35	L	< 2000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	2000-5000			
28							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
34							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	< 2000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	2000-5000	B48	L	< 2000
48							B18	L	> 5000	B54	L	> 5000	B55	L	> 5000	B56	L	> 5000	B27	L	> 5000	B35	L	> 5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	2000-5000
58							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	2000-5000	B42	L	> 5000				B47	L	> 5000	B48	L	< 2000
186							B18	L	2000-5000	B54	L	< 2000							B27	L	< 2000				B37	C+L	> 5000	B41	L	< 2000	B42	L	2000-5000									
227							B18	L	> 5000	B54	L	2000-5000	B55	L	> 5000	B56	L	2000-5000	B27	L	> 5000	B35	L	2000-5000	B37	L	> 5000	B41	L	> 5000	B42	L	> 5000				B47	L	> 5000	B48	L	2000-5000
267	B57	L		B58	L		B18	L								B56	L														B42	L					B47	L				
Number	1	< 2000		1	< 2000		9	< 2000		8	< 2000		7	< 2000		8	< 2000		8	< 2000		7	< 2000		8	< 2000		8	< 2000		9	< 2000		0	< 2000		8	< 2000		6	< 2000	
Total number	9	0		9	0		9	0		9	2		9	0		9	1		9	1		9	2		9	0		9	1		9	0		9	0		9	0		9	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		
		0			0			1			5			0			5			0			4			0			3			1			0			2			2		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			7			1			7			1			7			1			8			4			7			0			5			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 310/2014 DESPATCHED ON 17TH JUNE 2014

HLA specificities from all participants

	B53	B59	B67	B71	B72	B78	B81	B82	Cw1	Cw4	Cw8	Cw15
Consensus	Not Assessed	Present	Present	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Not Assessed	Absent	Absent	Absent	Absent
% reported	64.0%	81.3%	82.7%	46.7%	64.0%	57.3%	5.3%	32.0%	1.3%	1.3%	1.3%	4.0%

HLA specificities from One Lambda kit users only

	B53			B59			B67			B71			B72			B78			B81			B82			Cw1			Cw4			Cw8			Cw15		
Consensus	Not Assessed			Present			Present			Not Assessed			Present			Not Assessed			Absent			Not Assessed			Absent			Absent			Absent			Not Assessed		
% reported	70.6%			94.1%			98.0%			47.1%			80.4%			62.7%			3.9%			37.3%			2.0%			2.0%			2.0%			5.9%		
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
9	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000				B82	L	< 2000												
11				B59	L	2000-5000	B67	L	> 5000																											
12	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	< 2000	B72	L	2000-5000	B78	L	< 2000	B81	L	< 2000	B82	L	< 2000	Cw1	L	< 2000				Cw8	L	< 2000	Cw15	L	< 2000
14				B59	L	2000-5000	B67	L	> 5000																											
15	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	< 2000	B72	L	2000-5000	B78	L	< 2000																		
19	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	< 2000	B72	L	2000-5000	B78	L	2000-5000				B82	L	< 2000												
20	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000				B82	L	< 2000				Cw4	L	< 2000				Cw15	L	< 2000
23	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000	B78	L	< 2000																		
26							B67	L	> 5000																											
35	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000				B82	L	< 2000												
38				B59	L	2000-5000	B67	L	> 5000																											
39	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000																					
41	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000				B72	L	2000-5000	B78	L	2000-5000																		
42	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000				B82	L	< 2000												
45				B59	L	2000-5000	B67	L	> 5000																											
51				B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000																					
54	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000				B82	L	< 2000												
62	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000	B72	L	2000-5000	B78	L	2000-5000				B82	L	2000-5000												
114	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	< 2000	B72	L	2000-5000	B78	L	2000-5000				B82	L	< 2000												
116	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000	B78	L	< 2000																		
117	B53	L	< 2000	B59	E+L	2000-5000	B67	E+L	> 5000	B71	E+L	< 2000	B72	E+L	< 2000	B78	E+L	< 2000				B82	L	< 2000												
119	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000	B78	L	< 2000																		
120	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000				B82	L	< 2000												
136	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000																		
139	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000																					
142	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000																					
143	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000	B78	L	< 2000																		
145				B59	L	2000-5000	B67	L	> 5000																											
147	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000				B72	L	2000-5000	B78	L	2000-5000																		
157	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000	B78	L	< 2000																		
159	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000																					
162	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	< 2000	B72	L	2000-5000	B78	L	< 2000				B82	L	< 2000												
164				B59	L	> 5000	B67	L	> 5000				B72	L	2000-5000																					
165	B53	F		B59	F+L	2000-5000	B67	F+L	> 5000	B71	F+L		B72	F+L		B78	F+L					B82	F+L														
169	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	< 2000	B72	L	2000-5000	B78	L	2000-5000				B82	L	< 2000										Cw15	L	< 2000
181	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000				B82	L	< 2000												
190	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000																		
193	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000																					
194				B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000																		
195	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000																		
206	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000																					
209	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000				B82	L	< 2000												
216							B67	L	> 5000										B81	L	> 5000	B82	L	2000-5000												
232				B59	L	2000-5000	B67	L	> 5000																											
235													B72	L																						
243	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000	B78	L	< 2000																		
245	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	< 2000	B72	L	2000-5000	B78	L	2000-5000				B82	L	< 2000												
277	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000				B72	L	< 2000	B78	L	< 2000				B82	L	< 2000												
284				B59	L	2000-5000	B67	L	> 5000																											
303				B59	L	2000-5000	B67	L	> 5000																											
311				B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000																		
Number	36	< 2000		48	< 2000		50	< 2000		24	< 2000		41	< 2000		32	< 2000		2	< 2000		19	< 2000		1	< 2000		1	< 2000		1	< 2000		3	< 2000	
Total number	51	29		51	0		51	0		51	22		51	28		51	24		51	1		51	16		51	1		51	1		51	1		51	3	
		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			35			0			1			11			7			0			2			0			0			0			0		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			13			50			0			0			0			1			0			0			0			0			0		

HLA specificities from Lifecodes kit users only

	B53			B59			B67			B71			B72			B78			B81			B82			Cw1			Cw4			Cw8			Cw15		
Consensus	Not Assessed			Not Assessed			Not Assessed			Not Assessed						Not Assessed			Not Assessed			Not Assessed														
% reported	41.7%			33.3%			25.0%			33.3%			0.0%			33.3%			8.3%			25.0%			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
29																																				
100	B53	L	< 2000	B59	L	< 2000	B67	L	> 5000	B71	L	< 2000				B78	L	< 2000				B82	L	< 2000												
112																																				
149				B59	L	< 2000	B67	L	< 2000	B71	L	< 2000																								
185	B53	L	< 2000													B78	L	< 2000																		
218				B59	L	< 2000																														
229	B53	L	< 2000													B78	L	< 2000	B81	L	< 2000	B82	L	< 2000												
238																																				
262																																				
268	B53	L	< 2000							B71	L	< 2000																								
297																																				
309	B53	L	< 2000	B59	L	< 2000	B67	L	2000-5000	B71	L	< 2000				B78	L	< 2000				B82	L	< 2000												
Number	5	< 2000		4	< 2000		3	< 2000		4	< 2000		0	< 2000		4	< 2000		1	< 2000		3	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000	
Total number	12	5		12	4		12	1		12	4		12	0		12	4		12	1		12	3		12	0		12	0		12	0		12	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			1			0			0			0			0			0			0			0			0			0		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			1			0			0			0			0			0			0			0			0			0		

HLA specificities from users of both LABScreen & Lifecodes kits

	B53			B59			B67			B71			B72			B78			B81			B82			Cw1			Cw4			Cw8			Cw15		
Consensus	Not Assessed			Present			Present			Not Assessed			Not Assessed			Not Assessed			Not Assessed			Not Assessed														
% reported	66.7%			77.8%			77.8%			66.7%			66.7%			66.7%			11.1%			22.2%			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
24	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000																		
25				B59	L	2000-5000	B67	L	> 5000																											
28	B53	L	< 2000	B59	L	> 5000	B67	L	< 2000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000				B82	L	< 2000												
34	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000																		
48	B53	L	2000-5000	B59	L	> 5000	B67	L	> 5000	B71	L	2000-5000	B72	L	2000-5000	B78	L	2000-5000				B82	L	< 2000												
58	B53	L	< 2000	B59	L	2000-5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000																		
186																																				
227	B53	L	< 2000	B59	L	> 5000	B67	L	> 5000	B71	L	< 2000	B72	L	< 2000	B78	L	< 2000																		
267																			B81	L																
Number	6	< 2000		7	< 2000		7	< 2000		6	< 2000		6	< 2000		6	< 2000		1	< 2000		2	< 2000		0	< 2000		0	< 2000		0	< 2000		0	< 2000	
Total number	9	5		9	0		9	1		9	5		9	5		9	5		9	0		9	2		9	0		9	0		9	0		9	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			4			0			1			1			1			0			0			0			0			0			0		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			3			6			0			0			0			0			0			0			0			0			0		