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

HLA specificities from all participants

	DR1	DR17	DR18	DR12	DR7	DR9	DR52	DQ5	DQ2	DQ9	
Consensus	Absent	Not Assessed	Not Assessed	Present	Present	Present	Present	Absent	Present	Not Assessed	
% reported	1.4%	49.3%	14.1%	95.8%	100.0%	94.4%	87.3%	2.8%	94.4%	5.6%	

Number of Sepcifcities Present: 5
Number of Specificites Absent: 2
Number of Specifcies Not Assessed 3

HLA specificities from One Lambda kit users only

	DR1	DR17	DR18	DR12	DR7	DR9	DR52	DQ5	DQ2	DQ9	
Consensus		Not Assessed	Not Assessed	Present	Present	Present	Present	Absent	Present	Not Assessed	
% reported	0.0%	54.7%	11.3%	96.2%	100.0%	94.3%	88.7%	3.8%	94.3%	5.7%	

Number of Sepcifcities Present: 5
Number of Specificites Absent: 1
Number of Specifcies Not Assessed 3

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9				DR17	L	< 2000	DR18	L	< 2000	DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	> 5000			
11										DR12	L	< 2000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
12										DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000,> 5000			
14										DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
15										DR12	L	< 2000	DR7	L	> 5000	DR9	L	< 2000	DR52	L	< 2000									
19													DR7	L	2000-5000															
20				DR17	L	< 2000				DR12	L	< 2000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
23				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	> 5000	DR52	L	> 5000				DQ2	L	2000-5000			
26										DR12	L	< 2000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	< 2000				DQ2	L	2000-5000			
28				DR17	L	< 2000	DR18	L	< 2000	DR12	L	< 2000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	< 2000			
35				DR17	L					DR12	L		DR7	L		DR9	L		DR52	L					DQ2	L				
38				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
39										DR12	L	< 2000	DR7	L	2000-5000	DR9	L	< 2000	DR52	L	< 2000				DQ2	L	< 2000			
41										DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
42				DR17	L	< 2000	DR18	L	< 2000	DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
45				DR17	L		DR18	L		DR12	L		DR7	L		DR9	L		DR52	L					DQ2	L				
51										DR12	L	< 2000	DR7	L	2000-5000	DR9	L	< 2000	DR52	L	< 2000				DQ2	L	2000-5000			
54				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
62										DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
114				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
116										DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	> 5000			
117				DR17	L	< 2000				DR12	E+L	< 2000	DR7	E+L	> 5000	DR9	E+L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
119										DR12	L	< 2000,2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000,> 5000			
120				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
136				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
139				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
142				DR17	L	< 2000				DR12	L	< 2000,2000-5000	DR7	L	> 5000	DR9	L	< 2000,2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
145				DR17	L	< 2000				DR12	L	< 2000,2000-5000	DR7	L	> 5000	DR9	L	< 2000,2000-5000	DR52	L	2000-5000				DQ2	L	< 2000,2000-5000			
147										DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
157				DR17	L	2000-5000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	> 5000				DQ2	L	2000-5000			
159				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
162				DR17	L	< 2000				DR12	L	> 5000	DR7	L	> 5000	DR9	L	> 5000	DR52	L		DQ5	L	< 2000	DQ2	L	> 5000			
164										DR12	L	> 5000	DR7	L	> 5000	DR9	L	> 5000	DR52	L	> 5000				DQ2	L	> 5000			
165				DR17	F+E+L	< 2000				DR12	F+L	2000-5000	DR7	F+E+L	> 5000	DR9	F+E+L	2000-5000	DR52	F+L	2000-5000				DQ2	F+E+L	2000-5000			
169													DR7	L	2000-5000										DQ2	L	2000-5000			
181				DR17	L	< 2000				DR12	L	< 2000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	< 2000				DQ2	L	< 2000			
190				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
193										DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
194				DR17	L	< 2000	DR18	L	< 2000	DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
195										DR12	L	< 2000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	< 2000				DQ2	L	2000-5000			
204				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
206										DR12	L	< 2000	DR7	L	> 5000	DR9	L	< 2000	DR52	L	< 2000				DQ2	L	< 2000			
209				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000	DQ9	L	
216				DR17	L	> 5000	DR18	L	2000-5000	DR12	L	< 2000	DR7	L	> 5000															
232										DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
235				DR17	L					DR12	L		DR7	L		DR9	L								DQ2	L		DQ9	L	
243										DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
245										DR12	L	< 2000	DR7	L	> 5000	DR9	L	2000-5000							DQ2	L	2000-5000			
271										DR12	L	< 2000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
277				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000	DQ5	L	< 2000	DQ2	L	2000-5000	DQ9	L	< 2000
284				DR17	L	< 2000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
293										DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000							DQ2	L	> 5000			
303										DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
Number reporting Sepcificity	0	< 2000		29	< 2000		6	< 2000		51	< 2000		53	< 2000		50	< 2000		47	< 2000		2	< 2000		50	< 2000		3	< 2000	
Total number of participants	53	0		53	24		53	4		53	14		53	0		53	4		53	7		53	2		53	4		53	1	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			1			1			29			4			38			34			0			35			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			1			0			2			46			3			3			0			7			0	

HLA specificities from Lifecodes kit users only

	DR1	DR17	DR18	DR12	DR7	DR9	DR52	DQ5	DQ2	DQ9	
Consensus	Not Assessed	Not Assessed	Not Assessed	Present	Present	Present	Present		Present		
% reported	11.1%	22.2%	22.2%	88.9%	100.0%	88.9%	77.8%	0.0%	88.9%	0.0%	

Number of Sepcifcities Present: 5
Number of Specificites Absent: 1
Number of Specifcies Not Assessed 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
112										DR12	L	< 2000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	< 2000			
149										DR12	L	< 2000	DR7	L	> 5000	DR9	L	< 2000	DR52	L	< 2000				DQ2	L	< 2000			
185				DR17	L	< 2000	DR18	L	< 2000	DR12	L	< 2000	DR7	L	> 5000	DR9	L	< 2000	DR52	L	< 2000				DQ2	L	< 2000			
218										DR12	L	< 2000	DR7	L	2000-5000	DR9	L	< 2000	DR52	L	< 2000				DQ2	L	< 2000			
229	DR1	L	2000-5000										DR7	L	2000-5000															
238				DR17	L	< 2000	DR18	L	< 2000	DR12	L	< 2000	DR7	L	> 5000	DR9	L	< 2000	DR52	L	2000-5000				DQ2	L	< 2000			
262										DR12	L	< 2000	DR7	L	2000-5000	DR9	L	< 2000	DR52	L	< 2000				DQ2	L	< 2000			
268										DR12	L	< 2000	DR7	L	> 5000	DR9	L	< 2000							DQ2	L	> 5000			
297										DR12	L	< 2000	DR7	L	2000-5000	DR9	L	< 2000	DR52	L	< 2000				DQ2	L	< 2000			
Number reporting Sepcificity	1	< 2000		2	< 2000		2	< 2000		8	< 2000		9	< 2000		8	< 2000		7	< 2000		0	< 2000		8	< 2000		0	< 2000	
Total number of participants	9	0		9	2		9	2		9	8		9	0		9	7		9	5		9	0		9	7		9	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		1			0			0			0			4			1			2			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			5			0			0			0			1			0	

HLA specificities from users of both LABScreen & Lifecodes kits

	DR1	DR17	DR18	DR12	DR7	DR9	DR52	DQ5	DQ2	DQ9	
Consensus		Not Assessed	Not Assessed	Present	Present	Present	Present		Present		
% reported	0.0%	37.5%	25.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	

Number of Sepcifcities Present: 5
Number of Specificites Absent: 1
Number of Specifcies Not Assessed 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
24										DR12	L	< 2000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
25				DR17	L					DR12	L		DR7	L		DR9	L		DR52	L					DQ2	L				
34				DR17	L	< 2000				DR12	L	< 2000	DR7	L	2000-5000	DR9	L	< 2000	DR52	L	< 2000				DQ2	L	< 2000,2000-5000			
48										DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
58										DR12	L	< 2000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
186										DR12	L	< 2000	DR7	L	2000-5000	DR9	L	< 2000	DR52	L	< 2000				DQ2	L	< 2000			
227				DR17	L	< 2000	DR18	L	< 2000	DR12	L	2000-5000	DR7	L	> 5000	DR9	L	2000-5000	DR52	L	2000-5000				DQ2	L	2000-5000			
267							DR18	L	< 2000	DR12	L	< 2000	DR7	L	> 5000	DR9	L	< 2000	DR52	L	2000-5000				DQ2	L	< 2000			
197				DR17	L	> 5000				DR12	L	2000-5000	DR7	L	> 5000	DR9	L	< 2000							DQ2	L	> 5000	DQ9	L	2000-5000
Number reporting Sepcificity	0	< 2000		3	< 2000		2	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		0	< 2000		8	< 2000		0	< 2000	
Total number of participants	8	0		8	2		8	2		8	5		8	0		8	3		8	2		8	0		8	2		8	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			0			0			2			2			4			5			0			4			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		0			0			0			0			5			0			0			0			0			0	

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

HLA specificities from all participants

	DR17	DR18	DR13	DR14	DR1404	DR52	DQ9		
Consensus	Absent	Absent	Absent	Not Assessed	Absent	Not Assessed	Absent	**Number of Sepcifcities Present:**	**0**
% reported	1.4%	1.4%	1.4%	36.6%	2.8%	36.6%	1.4%	**Number of Specificites Absent:**	**5**
								Number of Specifcies Not Assesse	**2**

HLA specificities from One Lambda kit users only

	DR17	DR18	DR13	DR14	DR1404	DR52	DQ9		
Consensus				Not Assessed		Not Assessed		**Number of Sepcifcities Present:**	**0**
% reported	0.0%	0.0%	0.0%	37.7%	0.0%	35.8%	0.0%	**Number of Specificites Absent:**	**0**
								Number of Specifcies Not Assesse	**2**

Lab no.	spec	tech MFI	spec	tech MFI	spec	tech MFI	spec	tech MFI	spec	tech MFI	spec	tech MFI	spec	tech MFI
9							DR14	L < 2000			DR52	L < 2000		
11														
12							DR14	L < 2000			DR52	L < 2000		
14														
15														
19														
20							DR14	L < 2000			DR52	L < 2000		
23														
26														
28														
35														
38							DR14	L < 2000			DR52	L < 2000		
39														
41														
42							DR14	L < 2000			DR52	L < 2000		
45							DR14	L			DR52	L		
51														
54							DR14	L 2000-5000			DR52	L 2000-5000		
62														
114							DR14	L < 2000			DR52	L < 2000		
116														
117							DR14	L < 2000			DR52	L < 2000		
119														
120							DR14	L < 2000			DR52	L < 2000		
136														
139														
142														
145														
147														
157							DR14	L < 2000			DR52	L < 2000		
159														
162							DR14	L < 2000			DR52	L < 2000		
164							DR14	L			DR52	L		
165							DR14	F+L < 2000			DR52	L < 2000		
169														
181														
190														
193														
194							DR14	L < 2000			DR52	L < 2000		
195														
204														
206														
209							DR14	L < 2000			DR52	L < 2000		
216							DR14	L < 2000						
232							DR14	L < 2000			DR52	L < 2000		
235														
243							DR14	L > 5000			DR52	L > 5000		
245														
271														
277							DR14	L < 2000			DR52	L < 2000		
284														
293														
303														
Number reporting Sepcificity	0	< 2000	0	< 2000	0	< 2000	20	< 2000	0	< 2000	19	< 2000	0	< 2000
Total number of participants	53	0	53	0	53	0	53	16	53	0	53	15	53	0
		2000-5000		2000-5000		2000-5000		2000-5000		2000-5000		2000-5000		2000-5000
		0		0		0		1		0		1		0
		> 5000		> 5000		> 5000		> 5000		> 5000		> 5000		> 5000
		0		0		0		1		0		1		0

HLA specificities from Lifecodes kit users only

	DR17	DR18	DR13	DR14	DR1404	DR52	DQ9		
Consensus				Not Assessed	Not Assessed	Not Assessed		**Number of Sepcifcities Present:**	**0**
% reported	0.0%	0.0%	0.0%	33.3%	11.1%	66.7%	0.0%	**Number of Specificites Absent:**	**0**
								Number of Specifcies Not Assesse	**3**

Lab no.	spec	tech MFI	spec	tech MFI	spec	tech MFI	spec	tech MFI	spec	tech MFI	spec	tech MFI	spec	tech MFI
112							DR14	L < 2000			DR52	L < 2000		
149											DR52	L < 2000		
185							DR14	L < 2000	DR1404	L < 2000	DR52	L < 2000		
218											DR52	L < 2000		
229														
238														
262							DR14	L < 2000			DR52	L < 2000		
268														
297											DR52	L < 2000		
Number reporting Sepcificity	0	< 2000	0	< 2000	0	< 2000	3	< 2000	1	< 2000	6	< 2000	0	< 2000
Total number of participants	9	0	9	0	9	0	9	3	9	1	9	6	9	0
		2000-5000		2000-5000		2000-5000		2000-5000		2000-5000		2000-5000		2000-5000
		0		0		0		0		0		0		0
		> 5000		> 5000		> 5000		> 5000		> 5000		> 5000		> 5000
		0		0		0		0		0		0		0

HLA specificities from users of both LABScreen & Lifecodes kits

	DR17	DR18	DR13	DR14	DR1404	DR52	DQ9		
Consensus				Not Assessed	Not Assessed	Not Assessed		**Number of Sepcifcities Present:**	**0**
% reported	0.0%	0.0%	0.0%	25.0%	12.5%	12.5%	0.0%	**Number of Specificites Absent:**	**0**
								Number of Specifcies Not Assesse	**3**

Lab no.	spec	tech MFI	spec	tech MFI	spec	tech MFI	spec	tech MFI	spec	tech MFI	spec	tech MFI	spec	tech MFI
24														
25														
34														
48														
58														
186														
227							DR14	L < 2000						
267							DR14	L < 2000	DR1404	L < 2000	DR52	L < 2000		
Number reporting Sepcificity	0	< 2000	0	< 2000	0	< 2000	2	< 2000	1	< 2000	1	< 2000	0	< 2000
Total number of participants	8	0	8	0	8	0	8	2	8	1	8	1	8	0
		2000-5000		2000-5000		2000-5000		2000-5000		2000-5000		2000-5000		2000-5000
		0		0		0		0		0		0		0
		> 5000		> 5000		> 5000		> 5000		> 5000		> 5000		> 5000
		0		0		0		0		0		0		0

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

HLA specificities from all participants

	DR1	DR103	DR15	DR16	DR17	DR18	DR4	DR11	DR12	DR13	DR14	DR1404
Consensus	Absent	Not Assessed	Present	Not Assessed	Present	Present	Not Assessed	Present	Present	Present	Present	Not Assessed
% reported	1.4%	14.1%	83.1%	73.2%	97.2%	97.2%	15.5%	98.6%	100.0%	100.0%	100.0%	9.9%

HLA specificities from One Lambda kit users only

	DR1	DR103	DR15	DR16	DR17	DR18	DR4	DR11	DR12	DR13	DR14	DR1404
Consensus		Not Assessed	Present	Not Assessed	Present	Present	Not Assessed	Present	Present	Present	Present	
% reported	0.0%	17.0%	83.0%	71.7%	98.1%	98.1%	18.9%	98.1%	100.0%	100.0%	100.0%	0.0%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
9			DR15 L > 5000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
11			DR15 L < 2000		DR17 L 2000-5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
12		DR103 L < 2000	DR15 L < 2000,2000-5000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000	DR4 L < 2000	DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
14			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
15		DR103 L < 2000	DR15 L 2000-5000	DR16 L 2000-5000	DR17 L > 5000	DR18 L > 5000	DR4 L < 2000	DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
19					DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
20			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000	DR4 L < 2000	DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
23			DR15 L 2000-5000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
26			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
28		DR103 L < 2000	DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000	DR4 L < 2000	DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
35			DR15 L	DR16 L		DR18 L		DR11 L	DR12 L	DR13 L	DR14 L	
38		DR103 L < 2000	DR15 L 2000-5000	DR16 L 2000-5000	DR17 L > 5000	DR18 L > 5000	DR4 L < 2000	DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
39					DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
41			DR15 L 2000-5000	DR16 L 2000-5000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
42		DR103 L < 2000	DR15 L L	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
45			DR15 L	DR16 L	DR17 L	DR18 L		DR11 L	DR12 L	DR13 L	DR14 L	
51					DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
54			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
62			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
114			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000	DR4 L < 2000	DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
116			DR15 L < 2000		DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
117			DR15 L < 2000	DR16 L < 2000	DR17 E+L > 5000	DR18 E+L > 5000		DR11 E+L > 5000	DR12 E+L > 5000	DR13 E+L > 5000	DR14 E+L > 5000	
119			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
120		DR103 L < 2000	DR15 L 2000-5000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000	DR4 L < 2000	DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
136			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
139			DR15 L 2000-5000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
142			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
145			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
147					DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
157			DR15 L 2000-5000	DR16 L 2000-5000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
159			DR15 L 2000-5000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
162			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
164			DR15 L > 5000		DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
165			DR15 F+L < 2000	DR16 F+L < 2000	DR17 F+E+L > 5000	DR18 F+E+L > 5000		DR11 F+E+L > 5000	DR12 F+E+L > 5000	DR13 F+E+L > 5000	DR14 F+E+L > 5000	
169					DR17 L 2000-5000	DR18 L 2000-5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
181		DR103 L < 2000	DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
190			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
193			DR15 L 2000-5000		DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
194		DR103 L < 2000	DR15 L 2000-5000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000	DR4 L < 2000	DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
195			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
204			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
206			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
209		DR103 L < 2000	DR15 L 2000-5000	DR16 L 2000-5000	DR17 L > 5000	DR18 L > 5000	DR4 L < 2000	DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
216					DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
232					DR17 L < 2000	DR18 L < 2000		DR11 L < 2000	DR12 L < 2000	DR13 L 2000-5000	DR14 L < 2000	
235					DR17 L	DR18 L		DR11 L	DR12 L	DR13 L	DR14 L	
243			DR15 L < 2000		DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
245			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
271			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
277			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000	DR4 L < 2000	DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
284			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
293									DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
303			DR15 L 2000-5000		DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
Number reporting Sepcificity	0 < 2000	9 < 2000	44 < 2000	38 < 2000	52 < 2000	52 < 2000	10 < 2000	52 < 2000	53 < 2000	53 < 2000	53 < 2000	0 < 2000
Total number of participants	53 0	53 9	53 26	53 31	53 1	53 1	53 10	53 1	53 1	53 0	53 1	53 0
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	0	0	12	5	2	1	0	0	0	1	0	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	0	0	2	0	46	47	0	48	49	49	49	0

HLA specificities from Lifecodes kit users only

	DR1	DR103	DR15	DR16	DR17	DR18	DR4	DR11	DR12	DR13	DR14	DR1404
Consensus	Not Assessed	Not Assessed	Present	Present	Present	Present	Not Assessed	Present	Present	Present	Present	Not Assessed
% reported	11.1%	11.1%	77.8%	77.8%	88.9%	88.9%	11.1%	100.0%	100.0%	100.0%	100.0%	55.6%
Lab no.	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI	spec tech MFI
112			DR15 L 2000-5000	DR16 L 2000-5000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	DR1404 L > 5000
149			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	DR1404 L > 5000
185		DR103 L < 2000	DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000	DR4 L < 2000	DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	DR1404 L > 5000
218					DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	DR1404 L > 5000
229	DR1 L > 5000							DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
238			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	DR1404 L > 5000
262			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
268			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
297			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
Number reporting Sepcificity	1 < 2000	1 < 2000	7 < 2000	7 < 2000	8 < 2000	8 < 2000	1 < 2000	9 < 2000	9 < 2000	9 < 2000	9 < 2000	5 < 2000
Total number of participants	9 0	9 1	9 6	9 6	9 0	9 0	9 1	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	1	1	0	0	0	0	0	0	0	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	0	0	0	0	8	8	0	9	9	9	9	5

HLA specificities from users of both LABScreen & Lifecodes kits

	DR1	DR103	DR15	DR16	DR17	DR18	DR4	DR11	DR12	DR13	DR14	DR1404
Consensus			Present	Present	Present	Present		Present	Present	Present	Present	Not Assessed
% reported	0.0%	0.0%	100.0%	87.5%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%	100.0%	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
24			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
25			DR15 L 2000-5000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
34			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
48			DR15 L 2000-5000	DR16 L 2000-5000	DR17 L > 5000	DR18 X > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
58			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
186			DR15 L < 2000		DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	DR1404 L > 5000
227			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	
267			DR15 L < 2000	DR16 L < 2000	DR17 L > 5000	DR18 L > 5000		DR11 L > 5000	DR12 L > 5000	DR13 L > 5000	DR14 L > 5000	DR1404 L > 5000
Number reporting Sepcificity	0 < 2000	0 < 2000	8 < 2000	7 < 2000	8 < 2000	8 < 2000	0 < 2000	8 < 2000	8 < 2000	8 < 2000	8 < 2000	2 < 2000
Total number of participants	8 0	8 0	8 6	8 6	8 0	8 0	8 0	8 0	8 0	8 0	8 0	8 0
	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000	2000-5000
	0	0	2	1	0	0	0	0	0	0	0	0
	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000	> 5000
	0	0	0	0	8	8	0	8	8	8	8	2

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

HLA specificities from all participants

	DR7	DR8	DR9	DR51	DR52	DR53	DQ6	DQ2	DQ7	DQ9	DQ4
Consensus	Present	Present	Present	Absent	Present	Absent	Not Assessed	Present	Not Assessed	Absent	Not Assessed
% reported	97.2%	98.6%	90.1%	1.4%	94.4%	1.4%	23.9%	98.6%	35.2%	1.4%	29.6%

Number of Sepcifcities Present: 12
Number of Specificites Absent: 4
Number of Specifcies Not Assesse 7

HLA specificities from One Lambda kit users only

	DR7	DR8	DR9	DR51	DR52	DR53	DQ6	DQ2	DQ7	DQ9	DQ4
Consensus	Present	Present	Present		Present		Not Assessed	Present	Not Assessed	Absent	Not Assessed
% reported	98.1%	98.1%	90.6%	0.0%	96.2%	0.0%	30.2%	98.1%	45.3%	1.9%	35.8%

Number of Sepcifcities Present: 12
Number of Specificites Absent: 1
Number of Specifcies Not Assesse 6

Lab no.	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI	spec	tech	MFI
9	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
11	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
12	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000,> 5000				DR52	L	> 5000				DQ6	L	< 2000	DQ2	L	2000-5000,> 5000	DQ7	L	> 5000
14	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
15	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000				DQ6	L	< 2000	DQ2	L	> 5000			
19	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	2000-5000,> 5000			
20	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000				DQ6	L	< 2000	DQ2	L	> 5000	DQ7	L	> 5000
23	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
26	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
28	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000				DQ6	L	< 2000	DQ2	L	2000-5000			
35	DR7	L		DR8	L		DR9	L					DR52	L								DQ2	L		DQ7	L	
38	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000				DQ6	L	< 2000	DQ2	L	> 5000			
39	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	> 5000			
41	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
42	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000				DQ6	L	< 2000	DQ2	L	> 5000			
45	DR7	L		DR8	L		DR9	L					DR52	L								DQ2	L		DQ7	L	
51	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	> 5000			
54	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
62	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
114	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
116	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
117	DR7	E+L	> 5000	DR8	E+L	> 5000	DR9	E+L	> 5000				DR52	E+L	> 5000				DQ6	E+L	< 2000	DQ2	E+L	> 5000			
119	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000,> 5000				DR52	L	> 5000							DQ2	L	> 5000			
120	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000				DQ6	L	< 2000	DQ2	L	> 5000	DQ7	L	> 5000
136	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
139	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
142	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000,> 5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
145	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000,> 5000				DR52	L	> 5000							DQ2	L	< 2000,2000-5000			
147	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	> 5000			
157	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000				DQ6	L	2000-5000	DQ2	L	> 5000			
159	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
162	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
164	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
165	DR7	F+L	< 2000,> 5000	DR8	F+E+L	> 5000	DR9	F+L	2000-5000				DR52	F+E+L	> 5000				DQ6	E		DQ2	F+E+L	> 5000			
169	DR7	L	> 5000	DR8	L	> 5000							DR52	L	> 5000							DQ2	L	2000-5000	DQ7	L	> 5000
181	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	> 5000			
190	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000				DQ6	L	< 2000	DQ2	L	> 5000	DQ7	L	> 5000
193	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
194	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000				DQ6	L	< 2000	DQ2	L	> 5000	DQ7	L	> 5000
195	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
204	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
206	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	> 5000			
209	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000				DQ6	L	< 2000	DQ2	L	> 5000	DQ7	L	> 5000
216	DR7	L	> 5000	DR8	L	> 5000																					
232	DR7	L	2000-5000	DR8	L	< 2000							DR52	L	2000-5000							DQ2	L	< 2000	DQ7	L	2000-5000
235				DR8	L								DR52	L					DQ6	L		DQ2	L				
243	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
245	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
271	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
277	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000				DQ6	L	< 2000	DQ2	L	> 5000	DQ7	L	> 5000
284	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	2000-5000			
293	DR7	L	> 5000																DQ6	L	> 5000	DQ2	L	> 5000			
303	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	2000-5000			
Number reporting Sepcificity	52	< 2000		52	< 2000		48	< 2000		0	< 2000		51	< 2000		0	< 2000		16	< 2000		52	< 2000		24	< 2000		1	< 2000		19	< 2000	
Total number of participants	53	0		53	1		53	0		53	0		53	0		53	0		53	12		53	1		53	0		53	0		53	1	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		1			0			15			0			1			0			1			4			1			0			8	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		49			48			31			0			47			0			1			43			21			1			8	

HLA specificities from Lifecodes kit users only

	DR7	DR8	DR9	DR51	DR52	DR53	DQ6	DQ2	DQ7	DQ9	DQ4
Consensus	Present	Present	Present		Present			Present			Not Assessed
% reported	100.0%	100.0%	88.9%	0.0%	77.8%	0.0%	0.0%	100.0%	0.0%	0.0%	22.2%

Number of Sepcifcities Present: 5
Number of Specificites Absent: 0
Number of Specifcies Not Assesse 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
112	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
149	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	2000-5000			
185	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	> 5000			
218	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	2000-5000			
229	DR7	L	> 5000	DR8	L	> 5000																DQ2	L	2000-5000			
238	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	2000-5000			
262	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	2000-5000			
268	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000													DQ2	L	> 5000			
297	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	2000-5000			
Number reporting Sepcificity	9	< 2000		9	< 2000		8	< 2000		0	< 2000		7	< 2000		0	< 2000		0	< 2000		9	< 2000		0	< 2000		0	< 2000		2	< 2000	
Total number of participants	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	
		0			0			5			0			0			0			0			6			0			0			1	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		9			9			3			0			7			0			0			3			0			0			1	

HLA specificities from users of both LABScreen & Lifecodes kits

	DR7	DR8	DR9	DR51	DR52	DR53	DQ6	DQ2	DQ7	DQ9	DQ4
Consensus	Present	Present	Present		Present			Present	Not Assessed		
% reported	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	100.0%	12.5%	0.0%	0.0%

Number of Sepcifcities Present: 5
Number of Specificites Absent: 0
Number of Specifcies Not Assesse 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
24	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	> 5000			
25	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
34	DR7	L	> 5000	DR8	L	> 5000	DR9	L	< 2000,2000-5000				DR52	L	> 5000							DQ2	L	< 2000,2000-5000,> 5000			
48	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
58	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	> 5000	DQ7	L	> 5000
186	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	2000-5000			
227	DR7	L	> 5000	DR8	L	> 5000	DR9	L	> 5000				DR52	L	> 5000							DQ2	L	> 5000			
267	DR7	L	> 5000	DR8	L	> 5000	DR9	L	2000-5000				DR52	L	> 5000							DQ2	L	2000-5000,> 5000			
Number reporting Sepcificity	8	< 2000		8	< 2000		8	< 2000		0	< 2000		8	< 2000		0	< 2000		0	< 2000		8	< 2000		1	< 2000		0	< 2000		0	< 2000	
Total number of participants	8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000	
		0			0			4			0			0			0			0			1			0			0			0	
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000	
		8			8			3			0			8			0			0			7			1			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 II HLA ANTIBODY SPECIFICITY ANALYSIS OF 304/2014 DESPATCHED ON 11TH FEBRUARY 2014

HLA specificity for assessment

Consensus	**No antibodies detected**
% reported	
Lab no.	
9	
11	
12	
14	
15	
19	
20	
23	
24	
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284	
293	
297	
303	

Technique : C = CDC; E = ELISA; F = Flow cytometry; L = Luminex; O = Other

Number
Total

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

HLA specificities from all participants

	DR1	DR103	DR15	DR16	DR17	DR18	DR4	DR11	DR12	DR13	DR14	DR1404
Consensus	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Not Assessed
% reported	97.2%	95.8%	95.8%	97.2%	94.4%	94.4%	97.2%	98.6%	97.2%	98.6%	95.8%	12.7%

HLA specificities from One Lambda kit users only

	DR1			DR103			DR15			DR16			DR17			DR18			DR4			DR11			DR12			DR13			DR14			DR1404		
Consensus	Present			Present			Present			Present			Present			Present			Present			Present			Present			Present			Present					
% reported	96.2%			96.2%			96.2%			98.1%			96.2%			96.2%			96.2%			98.1%			98.1%			98.1%			96.2%			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
9	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
11	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
12	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
14	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
15	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
19	DR1	L	> 5000	DR103	L	>5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
20	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
23	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
26	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
28	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
35	DR1	L		DR103	L		DR15	L		DR16	L		DR17	L		DR18	L		DR4	L		DR11	L		DR12	L		DR13	L		DR14	L				
38	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
39	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
41	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
42	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
45	DR1	L		DR103	L		DR15	L		DR16	L		DR17	L		DR18	L		DR4	L		DR11	L		DR12	L		DR13	L		DR14	L				
51	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
54	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
62	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
114	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
116	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
117	DR1	E+L	> 5000	DR103	E+L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	E+L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
119	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
120	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
136	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
139	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
142	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
145	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
147	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
157	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
159	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
162	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
164	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
165	DR1	F+E+L	> 5000	DR103	F+E+L	> 5000	DR15	F+E+L	> 5000	DR16	F+E+L	> 5000	DR17	F+E+L	> 5000	DR18	F+E+L	> 5000	DR4	F+E+L	> 5000	DR11	F+E+L	> 5000	DR12	F+E+L	> 5000	DR13	F+E+L	> 5000	DR14	F+E+L	> 5000			
169	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
181	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
190	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
193	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
194	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
195	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
204	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
206	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
209	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
216													DR17	L	> 5000	DR18	L	> 5000				DR11	L	> 5000	DR12	L	> 5000				DR14	L	> 5000			
232	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
235	DR1	L		DR103	L		DR15	L		DR16	L								DR4	L		DR11	L		DR12	L		DR13	L							
243	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
245	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
271	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
277	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
284	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
293										DR16	L	> 5000																DR13	L	> 5000						
303	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
Number reporting Sepcificity	51	< 2000		51	< 2000		51	< 2000		52	< 2000		51	< 2000		51	< 2000		51	< 2000		52	< 2000		52	< 2000		52	< 2000		51	< 2000		0		< 2000
Total number of participants	53	0		53	0		53	0		53	0		53	0		53	0		53	0		53	0		53	0		53	0		53	0		53	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			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
		48			47			48			49			49			49			48			49			49			49			49			0		

HLA specificities from Lifecodes kit users only

	DR1			DR103			DR15			DR16			DR17			DR18			DR4			DR11			DR12			DR13			DR14			DR1404		
Consensus	Present			Present			Present			Present			Present			Present			Present			Present			Present			Present			Present			Present		
% reported	100.0%			88.9%			100.0%			100.0%			88.9%			88.9%			100.0%			100.0%			100.0%			100.0%			100.0%			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
112	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000	DR1404	L	> 5000
149	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000	DR1404	L	> 5000
185	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000	DR1404	L	> 5000
218	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000	DR1404	L	> 5000
229	DR1	L	> 5000				DR15	L	> 5000	DR16	L	> 5000							DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000	DR1404	L	> 5000
238	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000	DR1404	L	> 5000
262	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
268	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
297	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000	DR1404	L	> 5000
Number reporting Sepcificity	9	< 2000		8	< 2000		9	< 2000		9	< 2000		8	< 2000		8	< 2000		9	< 2000		9	< 2000		9	< 2000		9	< 2000		9	< 2000		7		< 2000
Total number of participants	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		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000
		9			8			9			9			8			8			9			9			9			9			9			7		

HLA specificities from users of both LABScreen & Lifecodes kits

	DR1			DR103			DR15			DR16			DR17			DR18			DR4			DR11			DR12			DR13			DR14			DR1404		
Consensus	Present			Present			Present			Present			Present			Present			Present			Present			Present			Present			Present			Not Assessed		
% reported	100.0%			100.0%			100.0%			100.0%			100.0%			100.0%			100.0%			100.0%			100.0%			100.0%			100.0%			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
24	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
25	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
34	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
48	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
58	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
186	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000	DR1404	L	> 5000
227	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000			
267	DR1	L	> 5000	DR103	L	> 5000	DR15	L	> 5000	DR16	L	> 5000	DR17	L	> 5000	DR18	L	> 5000	DR4	L	> 5000	DR11	L	> 5000	DR12	L	> 5000	DR13	L	> 5000	DR14	L	> 5000	DR1404	L	> 5000
Number reporting Sepcificity	8	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		2		< 2000
Total number of participants	8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	0	
		2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000
		0			0			0			0			0			0			0			0			0			0			0			0		
		> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000
		8			8			8			8			8			8			8			8			8			8			8			2		

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

HLA specificities from all participants

	DR7	DR8	DR9	DR10	DR51	DR52	DQ5	DQ6	DQ2	DQ7	DQ8	DQ9	DQ4
Consensus	Absent	Present	Present	Present	Present	Present	Present	Present	Not Assessed	Present	Present	Present	Present
% reported	1.4%	98.6%	97.2%	98.6%	93.0%	93.0%	94.4%	97.2%	11.3%	87.3%	95.8%	93.0%	97.2%

Number of Sepcifcities Present:	**22**
Number of Specificites Absent:	**1**
Number of Specifcies Not Assesse	**2**

HLA specificities from One Lambda kit users only

	DR7	DR8	DR9	DR10	DR51	DR52	DQ5	DQ6	DQ2	DQ7	DQ8	DQ9	DQ4
Consensus	Absent	Present	Present	Present	Present	Present	Present	Present	Not Assessed	Present	Present	Present	Present
% reported	1.9%	100.0%	98.1%	98.1%	94.3%	94.3%	94.3%	96.2%	13.2%	90.6%	96.2%	94.3%	96.2%

Number of Sepcifcities Present:	**22**
Number of Specificites Absent:	**1**
Number of Specifcies Not Assesse	**1**

Lab no.	DR7 spec	DR7 tech	DR7 MFI	DR8 spec	DR8 tech	DR8 MFI	DR9 spec	DR9 tech	DR9 MFI	DR10 spec	DR10 tech	DR10 MFI	DR51 spec	DR51 tech	DR51 MFI	DR52 spec	DR52 tech	DR52 MFI	DQ5 spec	DQ5 tech	DQ5 MFI	DQ6 spec	DQ6 tech	DQ6 MFI	DQ2 spec	DQ2 tech	DQ2 MFI	DQ7 spec	DQ7 tech	DQ7 MFI	DQ8 spec	DQ8 tech	DQ8 MFI	DQ9 spec	DQ9 tech	DQ9 MFI	DQ4 spec	DQ4 tech	DQ4 MFI
9				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
11				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
12	DR7	L	< 2000	DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000,> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
14				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
15				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
19				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000							DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
20				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
23				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
26				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	2000-5000
28				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	2000-5000
35				DR8	L		DR9	L		DR10	L		DR51	L		DR52	L		DQ5	L		DQ6	L					DQ7	L		DQ8	L		DQ9	L		DQ4	L	
38				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
39				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000							DQ8	L	2000-5000	DQ9	L	2000-5000	DQ4	L	2000-5000
41				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
42				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
45				DR8	L		DR9	L		DR10	L		DR51	L		DR52	L		DQ5	L		DQ6	L					DQ7	L		DQ8	L		DQ9	L		DQ4	L	
51				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
54				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
62				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
114				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
116				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000	DQ2	L	< 2000	DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
117				DR8	L	> 5000	DR9	E+L	> 5000	DR10	E+L	> 5000	DR51	E+L	> 5000	DR52	E+L	> 5000	DQ5	E+L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
119				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	< 2000,2000-5000,> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
120				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
136				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000	DQ2	L	< 2000	DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
139				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
142				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	< 2000,2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
145				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	< 2000,2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
147				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000							DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
157				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
159				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
162				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
164				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
165				DR8	F+E+L	> 5000	DR9	F+E+L	> 5000	DR10	F+E+L	> 5000	DR51	F+E+L	> 5000	DR52	F+E+L	> 5000	DQ5	F+E+L	> 5000	DQ6	F+E+L	> 5000	DQ2	L	< 2000	DQ7	F+L	2000-5000	DQ8	F+E+L	> 5000	DQ9	F+E+L	> 5000	DQ4	F+E+L	> 5000
169				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000							DQ8	L	2000-5000	DQ9	L	> 5000	DQ4	L	2000-5000
181				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
190				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
193				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
194				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000	DQ2	L	< 2000	DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
195				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000	DQ2	L	< 2000	DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
204				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
206				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
209				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
216				DR8	L	> 5000																																	
232				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
235				DR8	L		DR9	L		DR10	L											DQ6	L					DQ7	L		DQ8	L					DQ4	L	
243				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
245				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
271				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000	DQ2	L	< 2000	DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
277				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000	DQ2	L	< 2000	DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
284				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
293				DR8	L	> 5000	DR9			DR10	L	> 5000																DQ7	L	> 5000									
303				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
Number reporting Sepcificity		1	< 2000		53	< 2000		52	< 2000		52	< 2000		50	< 2000		50	< 2000		50	< 2000		51	< 2000		7	< 2000		48	< 2000		51	< 2000		50	< 2000		51	< 2000
Total number of participants		53	1		53	0		53	0		53	0		53	0		53	0		53	0		53	0		53	7		53	0		53	0		53	0		53	0
			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000
			0			0			0			0			0			0			0			0			0			26			2			1			4
			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000
			0			50			48			49			48			48			48			48			0			17			46			47			44

HLA specificities from Lifecodes kit users only

	DR7	DR8	DR9	DR10	DR51	DR52	DQ5	DQ6	DQ2	DQ7	DQ8	DQ9	DQ4
Consensus		Present	Present	Present	Present	Present	Present	Present	Not Assessed	Not Assessed	Present	Present	Present
% reported	0.0%	100.0%	100.0%	100.0%	77.8%	77.8%	100.0%	100.0%	11.1%	66.7%	88.9%	88.9%	100.0%

Number of Sepcifcities Present:	**10**
Number of Specificites Absent:	**0**
Number of Specifcies Not Assesse	**2**

Lab no.	DR7 spec	DR7 tech	DR7 MFI	DR8 spec	DR8 tech	DR8 MFI	DR9 spec	DR9 tech	DR9 MFI	DR10 spec	DR10 tech	DR10 MFI	DR51 spec	DR51 tech	DR51 MFI	DR52 spec	DR52 tech	DR52 MFI	DQ5 spec	DQ5 tech	DQ5 MFI	DQ6 spec	DQ6 tech	DQ6 MFI	DQ2 spec	DQ2 tech	DQ2 MFI	DQ7 spec	DQ7 tech	DQ7 MFI	DQ8 spec	DQ8 tech	DQ8 MFI	DQ9 spec	DQ9 tech	DQ9 MFI	DQ4 spec	DQ4 tech	DQ4 MFI
112				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000	DQ2	L	> 5000	DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
149				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	2000-5000	DQ9	L	2000-5000	DQ4	L	2000-5000
185				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
218				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	2000-5000	DQ6	L	> 5000							DQ8	L	2000-5000	DQ9	L	2000-5000	DQ4	L	2000-5000
229				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000							DQ5	L	2000-5000	DQ6	L	> 5000													DQ4	L	> 5000
238				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
262				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
268				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000							DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
297				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	2000-5000	DQ6	L	> 5000							DQ8	L	2000-5000	DQ9	L	2000-5000	DQ4	L	2000-5000
Number reporting Sepcificity		0	< 2000		9	< 2000		9	< 2000		9	< 2000		7	< 2000		7	< 2000		9	< 2000		9	< 2000		1	< 2000		6	< 2000		8	< 2000		8	< 2000		9	< 2000
Total number of participants		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			2000-5000
			0			0			0			0			0			0			3			0			0			4			3			3			3
			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000
			0			9			9			9			7			7			6			9			1			2			5			5			6

HLA specificities from users of both LABScreen & Lifecodes kits

	DR7	DR8	DR9	DR10	DR51	DR52	DQ5	DQ6	DQ2	DQ7	DQ8	DQ9	DQ4
Consensus		Present	Present	Present	Present	Present	Present	Present		Present	Present	Present	Present
% reported	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	87.5%	100.0%	100.0%	100.0%

Number of Sepcifcities Present:	**11**
Number of Specificites Absent:	**0**
Number of Specifcies Not Assesse	**0**

Lab no.	DR7 spec	DR7 tech	DR7 MFI	DR8 spec	DR8 tech	DR8 MFI	DR9 spec	DR9 tech	DR9 MFI	DR10 spec	DR10 tech	DR10 MFI	DR51 spec	DR51 tech	DR51 MFI	DR52 spec	DR52 tech	DR52 MFI	DQ5 spec	DQ5 tech	DQ5 MFI	DQ6 spec	DQ6 tech	DQ6 MFI	DQ2 spec	DQ2 tech	DQ2 MFI	DQ7 spec	DQ7 tech	DQ7 MFI	DQ8 spec	DQ8 tech	DQ8 MFI	DQ9 spec	DQ9 tech	DQ9 MFI	DQ4 spec	DQ4 tech	DQ4 MFI
24				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
25				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
34				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	< 2000,2000-5000	DQ8	L	2000-5000,> 5000	DQ9	L	2000-5000,> 5000	DQ4	L	2000-5000,> 5000
48				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
58				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	2000-5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
186				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	< 2000	DQ8	L	2000-5000	DQ9	L	2000-5000	DQ4	L	2000-5000
227				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	> 5000	DQ6	L	> 5000				DQ7	L	> 5000	DQ8	L	> 5000	DQ9	L	> 5000	DQ4	L	> 5000
267				DR8	L	> 5000	DR9	L	> 5000	DR10	L	> 5000	DR51	L	> 5000	DR52	L	> 5000	DQ5	L	2000-5000	DQ6	L	2000-5000							DQ8	L	< 2000	DQ9	L	< 2000	DQ4	L	< 2000
Number reporting Sepcificity		0	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		8	< 2000		0	< 2000		7	< 2000		8	< 2000		8	< 2000		8	< 2000
Total number of participants		8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	0		8	1		8	1		8	1		8	1
			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000			2000-5000
			0			0			0			0			0			0			1			1			0			2			1			1			1
			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000			> 5000
			0			8			8			8			8			8			7			7			0			3			6			6			6