

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 6 01-06/2018

DESPATCHED ON 19TH JUNE 2018

COMPLEMENT DEPENDENT CYTOTOXICITY (CDC) TECHNIQUE INFORMATION

Lab No	Technique	Cell source	Frozen trays	In-house Commercial	Panel		Complement source	Incubation		Dead cell visualisation	Analysis Procedures	Software Manufacturer	Comments
					Composition	Size		Pre-C'	Post-C'				
20	NIH	B-Cells	No	Commercial	Random	60	60	60	90	Ethidium Bromide	Computerised	In House	6%, but can vary patient dependent. 10%
28	Microlymphocyte cytotoxicity test	T-Cells	Yes	Commercial	Selected	60	60	30	60	Fluoroquencher	Manual		
29	NIH	PBL	Yes	Commercial	Selected	58	Commercial	30	60	Fluoroquencher	Manual		CDC results are are used in conjunction with Class I ID and single antigen kits to determine specificities.
42	NIH Standard	PBL	No	In House	Mixture	40	Commercial	60	120	Fluoroquencher	Manual	Commercial	
120		T-Cells and B-Cells	Yes		Selected	36	Commercial	25	50	Fluoroquencher	Computerised		20%
136	NIH	PBL	No		Random	17	In House	30	60	Ethidium Bromide			
154	NIH	T-Cells	Yes	Commercial	Mixture	30	Commercial	30	60	Eosin	Manual		Any positive results
227	DTT	PBL	No	In House	Random	30	Commercial	30	60	Fluoroquencher	Manual		3%
294	AHG	T-Cells	Yes	Commercial	Selected	60	Commercial	30	60	Fluoroquencher	Manual		

FLOW CYTOMETRY TECHNIQUE INFORMATION

Lab No	Flow Cytometer Model	Cell		Conjugate	Manufacturer	Conjugate	Manufacturer	Software	Manufacturer	Comments
		preparations	source							
222	BD FACS Cantoll		One Lambda	Flow PRA Anti-Human IgG-FITC	One Lambda			BD FACSDiva	BD Biosciences	

ELISA TECHNIQUE INFORMATION

Lab No	ELISA kit(s) used	Batch No.	Manufacturer	ELISA kit(s) used	Batch No.	Manufacturer	Comments

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SAMPLES 6 01-06/2018

DESPATCHED ON 19TH JUNE 2018

LUMINEX TECHNIQUE INFORMATION

Lab No	Positive control serum for Luminex testing?	Source	Every run?	Positive control serum If no:	Same serum?	If no:	Samples stored prior to testing?	Conditions?	Storage time? (hours)	Methods used?	Serum treatment Dilution/ Other
9	Yes	Sensitised patient sera	No	Positive control sera tested once a week	Yes		Sometimes	-20	>48	EDTA	Dilution
11	Yes	Pooled sensitised patient sera	Yes		No	Different pooled patient sera for each assay- LXS, Class I SABs and Class II SABs	Yes	-40	>48	Adsorption beads	
12	Yes	Sensitised patient sera	Yes		Yes		Yes	-20	24-48	Adsorption beads	Dilution
14	Yes	Sensitised patient sera	Yes		No	Sensitised patient control sera for each kit chosen by Ab profile	Always	-20	>48	Heat inactivation, EDTA	
15	Yes	Pooled HSP sera	Yes		Yes		Yes	2-8	<24	EDTA	
19	Yes	Pooled multispecific patient sera	Yes		Yes		Yes	2-8	24-48		
20	Yes	Sensitised patient sera	Yes		No	Selected based on type of test used to ensure reactivity with beads within each test.	Always	-50	>48	EDTA, Adsorption beads	
23	Yes	Positive patient sera diluted 1:8	Yes		Yes		Always	-30	>48	EDTA	
24	Yes						Yes	-30	24-48	EDTA, Adsorption beads	
25	No						Yes	-30	24-48	EDTA, Adsorption beads	
26	Yes	Sensitised patient sera	Yes		Yes		Yes	2-8	<24	EDTA	
28	Yes	Sensitised patient sera	Yes		No	C1q kit uses supplied manufacturers pos control	Yes	-20	>48	EDTA, Adsorption beads	Dilution
29	Yes	Manufacturer	Yes		No	Kit Dependent	Sometimes	3-5	<24	N/A	
34	Yes	Sensitised patient sera	Yes		No		Sometimes	-40	24-48	EDTA	Other
35	Yes	Sensitised patient sera	Yes		Yes		Yes			EDTA	
38	Yes	Sensitised patient sera	Yes		No	LifeCodes pos control	Always	-30	24-48	EDTA	
39	Yes	Pooled sera from HSP	Yes		Yes		Always	-40	>48	EDTA, Adsorption beads	
41	Yes	Sensitised patient pool	Yes		No	No external pos run with single antigen testing	Yes	-80	>48	EDTA	
42	Yes	Sensitised patient sera	Yes		Yes		Sometimes	-40	24-48	EDTA, Adsorption beads	
45	Yes	Pooled sensitised patient sera	Yes		Yes		Always	Frozen	>48	EDTA, Adsorption beads	
48											
51											
54	No	Pooled sensitised patient sera					Always	-20	>48	EDTA, Adsorption beads	
58	Yes	Sensitised patient sera, Manufacturer	Yes		Yes		Always	-15 to -20	>48	EDTA	Fetal calf serum added to 5% of total
62	Yes	Pooled sensitised patient sera	Yes		No		Always	-70	>48	N/A	
100	Yes	Manufacturer	Yes		No	Pos control is assay specific	Always	-20	>48	N/A	
112											
114											
115											
117											
120	Yes	Pooled positive sera from plasma donors	Yes		No	Used only for LSM12 kits	Always	-20	24-48	EDTA, Adsorption beads	
127											
128											
133	Yes	Manufacturer	Yes		Yes		Always	-20	>48	EDTA	
136	Yes	Sensitised patient pool	Yes		Yes		Always	-20	>48	N/A	
142	Yes	Manufacturer	Yes		No	We do not use the same positive control for screening and specificities	Always	5	24-48	N/A	
143	No						Always	-20	>48	N/A	
149	Yes	From individuals shown to be alloimmunized to HLA antigens	Yes		Yes		Always	4	24-48	N/A	Dilution
153											
154	Yes	Sensitised patient sera	Yes		No	Screening = Pos Class I and II serum	Always	4	>48	N/A	
159	No						Always	-30	>48	Adsorption beads	
160											
162											
169											
181											
186											
189	Yes	Donor sera	Yes		Yes		Always	Frozen	24-48	N/A	
191											
194											
195	Yes	Sensitised patient sera	Yes		No	Not the same for identification (simple antigen)	Yes	-80	>48	N/A	
204											
205	Yes		Yes					Fridge		N/A	Dilution
206											
209											
212											
214	Yes	Manufacturer	Yes		Yes		Always	Frozen	>48	N/A	Dilution
215											
216	Yes	Kit specific	Yes		No	Kit dependent	Sometimes	Fridge	>48	N/A	
217											
222											
227	Yes	Sensitised patient sera	Yes		Yes		Always	-40	>48	EDTA, Adsorption beads	Dilution
229	Yes	Manufacturer	Yes		Yes		Sometimes	-80	>48	N/A	
230	Yes	Manufacturer	Yes		Yes		Sometimes	-20	24-48	N/A	
231	No						No				
232	Yes	Manufacturer	Yes		Yes		Always	50	>48	N/A	
238											
240											
241											
242	No						Always	-25	>48	N/A	
252	Yes	Manufacturer	Yes		No	We use the positive control present in the kit for each test	No		>48	N/A	
259	Yes	Sensitised patient sera, Manufacturer	Yes		Yes		Sometimes	-24	24-48		Dilution
268	Yes	Sensitised patient sera, Manufacturer	Yes		No	Cut offs choice	Yes	-20	>48	EDTA	
273	Yes	Sensitised patients	Yes		Yes		Always	4	24-48	N/A	
284											
292											
293											
294	Yes	Manufacturer	Yes		Yes		Always	-20	24-48	N/A	
302											
303											
308	Yes	Manufacturer	Yes		No		Always	4	>48	N/A	
318											
322											
335											
345											
351											
361											
374											
396											
401											
406											

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 6 01-10/2016

DESPATCHED ON 26TH JANUARY 2016

LUMINEX TECHNIQUE INFORMATION - Ctd

Criteria?	Lab No	Incubation times?		Wash step details		First wash step		Second wash step		Buffer removed by	Software	Min bead count	Data analysis	
		Manufacturers instruction	Other	Wash medium	Anything added	Washes	Volume (µl)	Washes	Volume (µl)				Min pos control bead MFI	High background criteria
	9	Yes		Supplied	No	5		5		Vacuum Manifold	Fusion	50	500	NC >500
	11	Yes		Supplied	No	3	200	2	200	Centrifuge	Fusion	50	1000	>1000
High background serum (NC>500), despite treatment with Adsorb out.	12	Yes		Supplied	No	5	175	5	175	Vacuum Manifold	Fusion	50	> 500	NC >500
	14	Yes		Supplied	EDTA	3	200	2	200	Centrifuge	Fusion	50	5000	Neg MFI >500, Pos/Neg ratio <2
	15	Yes		Supplied	EDTA	5	200	5	200	Vacuum Manifold	Fusion	50	Pc/Nc >2	NC >1500
	19	Yes		Supplied	No	5	200	5	200	Vacuum Manifold	Fusion	50	3500	>1500
NC >1500	20	Yes		Supplied	No	5	175	5	175	Centrifuge	Fusion	50	2000	NC >500MFI
	23	Yes		Supplied	No	3	200	2	200	LabXpress	Fusion	50	500	>1500
	24	Yes		Supplied	No	5	220	5	220	Vacuum Manifold	Fusion	50	>500	NC >500
	25	Yes		Supplied	EDTA	5	200	5	200	Vacuum Manifold	Fusion	50	5000	>750
Seraclean for samples with high background. EDTA for 1:10	26	Yes		Supplied	No	4	100	4	100	Vacuum Manifold	Fusion	30	500	NC >1500
EDTA used for all SAB tests	28	Yes		Supplied	No	1	100	3	250	Vacuum Manifold	MatchIT	100	≥10000	Manufacturer
	29	Yes		Supplied	EDTA	5	200	5	200	Vacuum Manifold	Fusion	50	3000	NC >500
	34	Yes		Supplied	EDTA	3	200	2	200	Centrifuge	Fusion	50	500	Adsorb out
	35	Yes	Modified Halifax Assay	Supplied	No	3	200	2	200	Vacuum Manifold	Fusion	50	5000	NC >500
	38	Yes		Supplied	EDTA	5	200	5	200	Vacuum Manifold	Fusion	50	5000	NC >500
	39	Yes		Supplied	No	4	200	3	200	LabXpress	Fusion	50	1500	>500
	41	Yes		Supplied	No	3	200	3	200	Vacuum Manifold	Fusion	50	5000	NC >1500
	42	Yes		Supplied	No	4	200	4	200	Vacuum Manifold	Fusion and IH	50	5000	>500
	45	Yes		Supplied	No	3	200	3	200	Vacuum Manifold	Fusion	50	5000	>500
	48													
	51													
	54	Yes		Supplied	No	3	200	4	200	Centrifuge	Fusion	40	1500	NC >500MFI
	58	Yes		Supplied	No	Kit Dependent	Kit Dependent	Kit Dependent	Kit Dependent	Vacuum Manifold	Fusion	40	Kit Dependent	Kit Dependent
	62	Yes		Supplied	No	5	200	5	200	Vacuum Manifold	Fusion	50	500	>500
	100	Yes		Supplied	No	3	250			Vacuum Manifold	MatchIT	50	10000MFI control serum	3 control beads above normal range
	112													
	114													
	115													
	117													
NC baseline >500 and/or PC baseline >4000	120	Yes		Supplied	No	3	150	2	200	Centrifuge	Fusion	50	4000	NC >500MFI
	127													
	128													
All samples, Adsorb Out, ratio 1/10	133	Yes		Supplied	No	3	250			Vacuum Manifold	MatchIT	60	10000	>1000
	136	Yes		Supplied	No	3	150	2	150	Centrifuge	Fusion	50	MFI >1000	MFI >500
	142	Yes		Supplied	No	5	175	5	175	Vacuum Manifold	Fusion	50	500	1500
	143	Yes		Supplied	No	3	150	2	200	Centrifuge	Fusion	100	3000	NC >1500MFI
	149	Yes		Supplied	No	1	100	3	250	Vacuum Manifold	MatchIT	60	10000	High con 1
	153													
	154	Yes		Supplied	No	5	175	6	175	Vacuum Manifold	Fusion	50	1500	NC >500MFI
	159													
	160	Yes		Supplied	No	3	150	2	200	Centrifuge	Fusion	100	5000	NC >500 MFI
	162													
	169													
	181													
	186	Yes		Supplied	No	5	175	5	175	Vacuum Manifold	Fusion	50	5000	NC <500
	189													
	191													
	194													
	195	Yes		Supplied	No	5	175	5	175	Vacuum Manifold	Fusion	100		MFI ≥500
	204													
	205	Yes		Supplied	No		150		1x100, 3x250	Vacuum Manifold	MatchIT	60	PC ≥10000	>1000
	206													
	209													
	212													
Selected samples (high CONs), distilled water, 1/5 or 1/10	214	Yes		Supplied	No	3	250			Vacuum Manifold	MatchIT	60	10000	>1000
	215													
	216	Yes		Supplied	No	3	250	1	150	Vacuum Manifold	MatchIT	100	5000	
	217													
	222													
	227	Yes		Supplied	EDTA	5	175	5	175	Vacuum Manifold	Fusion	50	1000	NC > 500
	229	Yes		Supplied	No	1	150	3	250	Vacuum Manifold	MatchIT	>300	>10000	If CON value too high
	230	Yes		Supplied	No	3	250			Vacuum Manifold	MatchIT	100	10000	Manufacturer
	231	Yes		Supplied	No	1	100	3	250	Vacuum Manifold	Luminex	500	1500	
	232	Yes		Supplied	No	4	250			Vacuum Manifold	MatchIT	80	5000	Internal control values
	238													
	240													
	241													
	242	Yes		Supplied	Wash buffer	1	100	3	750	Vacuum Manifold	MatchIT	100	1500	
High background	252	Yes		Supplied	No	4	first 100 (250 later)			Vacuum Manifold	MatchIT			
	259	Yes		Supplied	No	1	150	3	250	Vacuum Manifold	MatchIT	60	≥10000	>1000
	268	Yes		Supplied	EDTA	5	175	5	175	Vacuum Manifold	Fusion	50	>500 or 2x NC	NC >500 or > all beads for same sample
	273	Yes		Supplied	No	5	175	5	175	Vacuum Manifold	Fusion	50	>500	NC >500
	284													
	292													
	293													
	294	Yes		Supplied	No	1	100	3	250	Vacuum Manifold	MatchIT	60	>10000 PC and NC, >3500 sample patient	Con >range
	302													
	303													
	306													
	318	Yes		Supplied	No	3				Vacuum Manifold	MatchIT	60	3500	NC above range of kit
	322													
	335													
	345													
	351													
	361													
	374													
	396													
	401													
	406													

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 6 01-03/2018 DESPATCHED ON 19TH JUNE 201

IgG Results

SUMMARY OF RESULTS											
Total tested	84	81	84	81	83	80					
Positive	78	79	8	80	8	7					
Negative	6	2	76	1	75	73					
NT/Equivocal	2	2	2	2	3	3					
% Positive	92.9%	97.5%	9.5%	98.8%	9.6%	8.8%					
% Negative	7.1%	2.5%	90.5%	1.2%	90.4%	91.3%					
Consensus	Positive	Positive	Negative	Positive	Negative	Negative					

Lab No.	601/2018				602/2018				603/2018				Comments		
	CI	CI	CI	CI	CI	CI	CI	CI	CI	CI	CI	CI			
9	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex	Heat inactivation was used on samples for SA testing only.		
11	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
12	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
14	Negative	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
15	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
19	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex			
20	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex			
23	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
24	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
25	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
26	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
28	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
29	Positive	Luminex, CDC	Positive	Luminex, CDC	Negative	Luminex, CDC	Positive	Luminex, CDC	Negative	Luminex, CDC	Negative	Luminex, CDC			
34	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
35	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
38	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
39	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
41	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
42	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex			
45	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
48	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
51	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
54	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex			
58	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
62	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
100	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
112	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
114	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
115	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT		Delivery issues.	
117	Positive	Luminex, ELISA	Positive	Luminex, ELISA	Negative	Luminex, ELISA	Positive	Luminex, ELISA	Negative	Luminex, ELISA	Negative	Luminex, ELISA			
120	Positive	Luminex	Positive	Luminex	Negative	Luminex, CDC	Positive	Luminex, CDC	Negative	Luminex, CDC	Negative	Luminex, CDC			
127	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
128	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
133	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
136	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
142	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
143	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
149	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex			6 03/2018: unable to determine PRA status due to high background. Would request new samples in routine diagnostic sample
153	Positive	FCXM	Positive	Luminex	Positive	FCXM	Positive	Luminex	Negative	FCXM	Positive	Luminex			
154	Positive	Luminex	Positive	Luminex	Negative	Luminex, CDC	Positive	Luminex	Negative	Luminex, CDC	Negative	Luminex			
159	Positive	Luminex	Positive	Luminex	Negative	Luminex, CDC	Positive	Luminex	Negative	Luminex, CDC	Negative	Luminex			
160	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
162	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
169	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex			
181	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
186	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
189	Negative	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
191	Negative	Luminex	Negative	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
194	Positive	Luminex	Positive	Luminex	Negative	Luminex, CDC	Positive	Luminex	Negative	Luminex, CDC	Negative	Luminex			
195	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
204	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
205	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
206	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
209	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex			
212	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex		After the release of LS-NC lot#19 that showed significantly higher reactivities against LSM12 beads (twice higher), we have reevaluated our cutoff and lowered it, leading to interpret samples 602 class I and 603 classes I and II as positive, when they would have been interpreted as negative before.	
214	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
215	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
216	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
217	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
222	Positive	FCM	Positive	FCM	Negative	FCM	Positive	FCM	Negative	FCM	Negative	FCM			
227	Positive	Luminex	Positive	Luminex	Negative	Luminex, CDC	Positive	Luminex	Negative	Luminex, CDC	Negative	Luminex			
229	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex			
230	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex			
231	Negative	Luminex	Negative	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
232	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
230	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
240	Negative	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
241	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
242	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
252	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
259	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
268	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
273	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex			
284	Positive	Luminex	Positive	Luminex	Negative	Luminex, CDC	Positive	Luminex	Negative	Luminex, CDC	Negative	Luminex			
292	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
293	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
294	Positive	Luminex	Positive	Luminex	Negative	Luminex, CDC	Positive	Luminex	Negative	Luminex, CDC	Negative	Luminex			
302	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
303	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex			
309	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
318	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
322	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
325	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
345	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex		Samples held in customs. Not delivered.	
351	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex			
361	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Luminex			
374	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
396	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
401	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			
406	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex			

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 6 04-06/2018

DESPATCHED ON 19TH JUNE 2018

IgG Results

		SUMMARY OF RESULTS									
Total tested	83		81		84		81		84		80
Positive	36		81		84		81		80		31
Negative	47		0		0		0		4		49
NT/Equivocal	3		2		2		2		2		3
% Positive	43.4%		100.0%		100.0%		100.0%		95.2%		38.8%
% Negative	56.6%		0.0%		0.0%		0.0%		4.8%		61.3%
Consensus	Not Assessed		Positive		Positive		Positive		Positive		Not Assessed

Lab No.	604/2018				605/2018				606/2018				Comments
	CI IgG	CI Method	CII IgG	CII Method	CI IgG	CI Method	CII IgG	CII Method	CI IgG	CI Method	CII IgG	CII Method	
9	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
11	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
12	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
14	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
15	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
19	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
20	Negative	Luminex	Positive	Luminex	Positive	Luminex, CDC	Positive	Luminex, CDC	Positive	Luminex	Negative	Luminex	
23	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
24	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
25	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
26	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
28	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
29	Positive	Luminex, CDC			Positive	Luminex, CDC			Positive	Luminex, CDC			
34	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
35	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
38	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
39	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
41	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
42	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
45	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
48	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
51	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
54	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
58	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
62	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
100	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
112	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
114	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
115	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Delivery issues.
117	Positive	Luminex, ELISA	Positive	Luminex, ELISA	Positive	Luminex, ELISA	Positive	Luminex, ELISA	Positive	Luminex, ELISA	NT	NT	Sample 606 gave equivocal results for Class II.
120	Negative	Luminex, CDC	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex, CDC	
127	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
128	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
133	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
136	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
142	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
143	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
149	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
153	Negative	FCXM			Positive	FCXM			Positive	FCXM			
154	Negative	Luminex, CDC	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
159	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
160	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
162	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
169	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
181	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
186	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
189	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
191	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
194	Negative	Luminex, CDC	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
195	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
204	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
205	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
206	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	606 Class II is technically positive (weak) on Sreening and Single Ag according to our cut-offs.
209	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	After the release of LS-NC lot#19 that showed significantly higher reactivities against LSM12 beads (twice higher), we have reevaluated our cutoff and lowered it, leading to interpret samples 602 class I and 603 classes I and II as positive, when they would have been interpreted as negative before.
212	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
214	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
215													
216	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
217	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
222	Negative	FCM	Positive	FCM	Positive	FCM	Positive	FCM	Positive	FCM	Negative	FCM	
227	NT	NT	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	Class I HLA for sample 604/2018 was not tested because of technical failure.
229	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
230	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
231	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
232	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
239	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
240	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
241	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
242	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
252	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
259	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
268	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
273	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
284	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
292	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
293	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
294	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
302	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
303	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
309	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
318	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
322													
335													
345	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
351	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	
361	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Samples held in customs. Not delivered.
374	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
396	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
401	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex	
406													

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 6 01-06/2018

DESPATCHED ON 19TH JUNE 2018

IgG Results - Additional Information

Lab No.	Methods used to test these samples:					Have the samples been treated?				
	CDC	Flow	ELISA	Luminex	Other	None	Dilution	Heat Inactivation	EDTA	Other
9				Luminex					EDTA	
11				Luminex		None				
12				Luminex		None				
14				Luminex				Heat Inactivation	EDTA	
15				Luminex					EDTA	
19	CDC			Luminex					EDTA	
20										
23				Luminex					EDTA	
24				Luminex		None				
25				Luminex					EDTA	
26				Luminex					EDTA	
28	CDC			Luminex		None				
29	CDC			Luminex		None				
34				Luminex					EDTA	
35				Luminex					EDTA	
38				Luminex					EDTA	
39				Luminex		None				
41				Luminex					EDTA	
42				Luminex					EDTA	
45				Luminex						Adsorb Out
48				Luminex		None				
51				Luminex					EDTA	
54				Luminex					EDTA	
58				Luminex		None				
62				Luminex		None				
100				Luminex		None				
112				Luminex		None				
114				Luminex		None				
115										
117			ELISA	Luminex		None				
120	CDC			Luminex					EDTA	
127				Luminex		None				
128				Luminex		None				
133				Luminex					EDTA	
136	CDC			Luminex		None				
142				Luminex		None				
143				Luminex		None				
149				Luminex		None				
153		Flow				None				
154	CDC			Luminex		None				
159	CDC			Luminex		None				
160				Luminex						Adsorb out
162				Luminex					EDTA	
169				Luminex		None				
181				Luminex		None				
186				Luminex		None				
189				Luminex		None				
191				Luminex						Frozen-Thaw, DTT
194	CDC			Luminex					EDTA	
195				Luminex		None				
204				Luminex					EDTA	
205				Luminex		None				
206				Luminex					EDTA	
209				Luminex		None				
212				Luminex		None				
214										
215										
216				Luminex		None				
217				Luminex		None				
222		Flow				None				
227	CDC			Luminex					EDTA	DTT
229				Luminex		None				
230				Luminex		None				
231				Luminex		None				
232				Luminex		None				
239				Luminex		None				
240				Luminex		None				
241				Luminex		None				
242				Luminex		None				
252				Luminex		None				
259				Luminex		None				
268	CDC			Luminex					EDTA	
273				Luminex		None				
284	CDC			Luminex					EDTA	
292				Luminex		None				
293				Luminex		None				
294	CDC			Luminex		None				
302				Luminex		None				
303				Luminex				Heat Inactivation	EDTA	
309				Luminex		None				
318				Luminex		None				
322										
335										
345		Flow				None				
351				Luminex					EDTA	
361										
374				Luminex		None				
396				Luminex						
401				Luminex		None				
406										

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 6 01-03/2018

DESPATCHED ON 19TH JUNE 2018

Lab	601/2018				602/2018				603/2018			
	CI I	CI I	CI II	CI II	CI I	CI I	CI II	CI II	CI I	CI I	CI II	CI II
	IgM	Method	IgM	Method	IgM	Method	IgM	Method	IgM	Method	IgM	Method
9	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex
20	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC
38	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex
42	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC
120	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC
154	Negative	CDC	NT		Negative	CDC	NT		Negative	CDC	NT	
159	Negative	CDC	NT		Negative	CDC	NT		Negative	CDC	NT	
162	Negative	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex
169	NT		NT		NT		NT		NT		NT	
181	NT		NT		NT		NT		NT		NT	
189	Negative	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex
191	NT		NT		NT		NT		NT		NT	
194	Negative	CDC	NT		Negative	CDC	NT		Negative	CDC	NT	
215												
217	NT		NT		NT		NT		NT		NT	
227	Negative	CDC	NT		Negative	CDC	NT		Negative	CDC	NT	
268	Negative	CDC	NT		Negative	CDC	NT		Negative	CDC	NT	
284	Negative	CDC	NT		Negative	CDC	NT		Negative	CDC	NT	
322												
335												
374	Positive	Luminex	Positive	Luminex	Negative	Luminex	Positive	Luminex	Negative	Luminex	Negative	Luminex
406												

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 6 04-06/2018

DESPATCHED ON 19TH JUNE 2018

Lab	604/2018				605/2018				606/2018			
	CI I	CI I	CI II	CI II	CI I	CI I	CI II	CI II	CI I	CI I	CI II	CI II
	IgM	Method	IgM	Method	IgM	Method	IgM	Method	IgM	Method	IgM	Method
9	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex
20	Negative	CDC	Negative	CDC	Positive	CDC	Positive	CDC	Negative	CDC	Negative	CDC
38	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex	Negative	Luminex
42	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC
120	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC	Negative	CDC
154	Negative	CDC	NT		Negative	CDC	NT		Negative	CDC	NT	
159	Negative	CDC	NT		Negative	CDC	NT		Negative	CDC	NT	
162	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex
189	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex
194	Negative	CDC	NT		Negative	CDC	NT		Negative	CDC	NT	
215												
227	Negative	CDC	NT		Negative	CDC	NT		Negative	CDC	NT	
268	Negative	CDC	NT		Negative	CDC	NT		Negative	CDC	NT	
284	Negative	CDC	NT		Negative	CDC	NT		Negative	CDC	NT	
322												
335												
374	Negative	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Positive	Luminex	Negative	Luminex
406												

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

SAMPLES 6 01-06/2018

DESPATCHED ON 19TH JUNE 2018

IgM Results - Additional Information

Lab No.	Methods used to test these samples:					Have the samples been treated?				
	CDC	Flow	ELISA	Luminex	Other	None	Dilution	Heat Inactivation	EDTA	Other
9				Luminex					EDTA	
20				Luminex					EDTA	
38				Luminex					EDTA	
42				Luminex					EDTA	
120	CDC									
154	CDC					None				
159	CDC									Pure and DTT
162				Luminex					EDTA	
189				Luminex		None				
194	CDC					None				
215										
227	CDC									DTT
268	CDC									AGH
284	CDC									DTT
322										
335										
374				Luminex		None				
406										

UK NEQAS for H&I Scheme 6 - HLA Antibody Detection

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Additional CDC results (Not assessed)

Lab No.	Panel size			601/2018 %PRA			602/2018 %PRA			603/2018 %PRA			604/2018 %PRA			605/2018 %PRA			606/2018 %PRA			
	T-cell	B-cell	PBL	T-cell	B-cell	PBL	T-cell	B-cell	PBL	T-cell	B-cell	PBL	T-cell	B-cell	PBL	T-cell	B-cell	PBL	T-cell	B-cell	PBL	
20		40			0			0			0			5			33			0		
28	60			5			2			2			9			3			9			
42						0			0		0				0			0			0	
120	35	35		0	0		0	0		0	0		0	0		0	0		0	0		
136			17			0			0		0				0		6				0	
154	30			0			0			0			0			0			0			
159			30			0			0		0				0			0			0	
194			41			0			0		0				0			0			0	
209	30			0			0			0			0			0			0			
227			30			0			0		0				0			0			0	
268	60			0			0			0			0			0			0			
284			30			0			0		0				0			0			0	