					UK NEO/	AS for H&I - SCHEI	ME 3 - HLA AN	TIBODY SPECI	FICITY ANALYS	IS				
302-2019 CI														
Total distributed 70	70	70	70	70	70	70	70		70	70	70		70	
Total submitted 69 Absent 30	69 1	69 64	69 61	69 64	69 64	69 64	6		69 18	69 63	69 33		69 64	
Present 35	64	1	4	1	1	1	1	I	47	2	32		1	
% Absent 46.2 % Present 53.8	1.5 98.5	98.5 1.5	93.8	98.5 1.5	98.5 1.5	98.5 1.5	98 1.		27.7	96.9 3.1	50.8		98.5 1.5	
% Present 53.8 Consensus -	98.5 Present	Absent	6.2	Absent	Absent	Absent	Abs		72.3	3.1 Absent	49.2		1.5 Absent	
Unacceptable -	Absent	Present	-	Present	Present	Present	Pres	sent	-	Present	-		Present	
Number acceptable - Number unacceptable -	64 2	64 2		64 2	64 2	64 2	6- 2		-	63 3	-		64 2	
Assessed 🗹 🗹							<u>-</u>			<u>v</u>				
Comments														
Lab A34 A34 M	FI A66	A66 MFI A30	A30 MFI A33	A33 MFI A36	A36 MFI A80	A80 MFI B51	B51 MFI B5	52 B52 MFI	B7 B7 MFI	B703	B703 MFI B13	B13 MFI	B64	B64 MFI
9 Present 2000-50	00 Present 5	5001-9999 Absent	Absent	Absent	Absent	Absent	Abs	sent	Present 0-2000	Absent	Presen	0-2000	Absent	
11 Absent 12 Present	Present Present	0-2000 Absent Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs		Present 0-2000 Present	Absent Absent	Presen Presen	0-2000	Absent Absent	
14 Present	Present	Absent	Absent	Absent	Absent	Absent	Abs	sent I	Present	Absent	Absent		Absent	
15 Absent 19 Present 2000-50	Present 2 00 Present 5	2000-5000 Absent 5001-9999 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs Abs		Absent Absent	Absent Absent	Absent Absent		Absent Absent	
20 Present 2000-50	00 Present 5	5001-9999 Absent	Absent	Absent	Absent	Absent	Abs	sent	Absent	Absent	Absent		Absent	
23 Absent 24 Present 0-200	Present Present 2	Absent 2000-5000 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs Abs		Present Present 0-2000	Absent Absent	Presen Presen	0-2000	Absent Absent	
25 Absent	Present	Absent	Absent	Absent	Absent	Absent	Abs	sent I	Present	Absent	Presen		Absent	
26 Present 2000-50 28 Present 2000-50		5001-9999 Absent 5001-9999 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs Abs		Present 0-2000 Present 0-2000	Absent Absent	Absent Presen	0-2000	Absent Absent	
34 Present 2000-50	00 Present 5	5001-9999 Absent	Absent	Absent	Absent	Absent	Abs	ent I	Present 0-2000	Absent	Absent	0 2000	Absent	
35 Present 0-200 38 Absent		2000-5000 Absent 2000-5000 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs Abs		Present 0-2000 Present 0-2000	Absent Absent	Absent Presen	0-2000	Absent Absent	
39 Present 2000-50	00 Present 5	5001-9999 Absent	Present	2000-5000 Absent	Absent	Absent	Abs	sent I	Present 0-2000	Absent	Absent	0 2000	Absent	
41 Absent 42 Present 2000-50		2000-5000 Absent 2000-5000 Absent	Absent Present	Absent 0-2000 Absent	Absent Absent	Absent	Abs Abs		Absent Present 0-2000	Absent Absent	Absent	0-2000	Absent Absent	
45 Present 0-200) Present 2	2000-5000 Absent	Absent	Absent	Absent	Absent	Abs	ent	Absent	Absent	Absent		Absent	
48 Absent 51 Present 2000-50		2000-5000 Absent 5001-9999 Absent	Absent Absent	Absent Absent	Absent	Absent Absent	Abs		Present 0-2000 Absent	Absent Absent	Presen	0-2000	Absent Absent	
54 Present 2000-50	00 Present 5	5001-9999 Absent	Absent	Absent	Absent	Absent	Abs	sent I	Present 2000-5000	Absent	Presen	2000-5000	Absent	
58 Present 62 Present 2000-50	Present 00 Present 2	Absent 2000-5000 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs Abs		Absent Absent	Absent Absent	Absent Absent		Absent Absent	
100 Absent	Present	0-2000 Absent	Absent	Absent	Absent	Absent	Abs	ent I	Present 0-2000	Absent	Absent		Absent	
112 Absent 114 Present 0-200	Present) Present 2	0-2000 Absent 2000-5000 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs Abs		Present 0-2000 Present 0-2000	Absent Absent	Absent Presen	0-2000	Absent Absent	
116 Absent	Present 2	2000-5000 Absent	Absent	Absent	Absent	Absent	Abs	ent	Absent	Absent	Absent	0=2000	Absent	
117 Present 119 Present 0-200	Present) Present 5	Absent 5001-9999 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs Abs		Present Present 0-2000	Absent Absent	Presen Presen	0-2000	Absent Absent	
120 Present 0-200		0-2000 Absent	Absent	Absent	Absent	Absent	Abs		Present 0-2000	Absent	Presen		Absent	
133 Absent 136 Present 2000-50		2000-5000 Absent 2000-5000 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs		Present 0-2000 Present 0-2000	Absent Absent	Absent	0-2000	Absent Absent	
142 Present 0-200) Present 2	2000-5000 Absent	Present	0-2000 Absent	Absent	Absent	Abs		Present 0-2000	Absent	Presen	0-2000	Absent	
143 Absent 145 Absent	Present 2 Present	2000-5000 Absent 0-2000 Absent	Present Absent	2000-5000 Absent Absent	Absent Absent	Absent Absent	Abs Abs		Present 5001-9999 Present 0-2000	Absent Absent	Presen Presen		Absent Absent	
149 Absent	Present	0-2000 Absent	Absent	Absent	Absent	Absent	Abs	ent	Absent	Absent	Presen	0-2000	Absent	
157 Absent 160 Present 0-200		2000-5000 Absent 2000-5000 Absent	Absent Absent	Absent Absent	Absent Absent	Absent	Abs Abs		Present 0-2000 Present 0-2000	Absent Absent	Presen	0-2000	Absent Absent	
162 Present 0-200) Present 2	2000-5000 Absent	Absent	Absent	Absent	Absent	Abs	ent I	Present 2000-5000	Absent	Presen		Absent	
165 Absent 169 Present 2000-50		2000-5000 Absent 5001-9999 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs Abs		Present 0-2000 Present 2000-5000	Absent Absent	Absent	2000-5000	Absent Absent	
181 Present 0-200) Present 2	2000-5000 Absent	Absent	Absent	Absent	Absent	Abs	ent I	Present 0-2000	Absent	Presen	0-2000	Absent	
185 Absent 195 Present 2000-50	Present 00 Present 2	0-2000 Absent 2000-5000 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs		Present 0-2000 Present 0-2000	Present Absent	0-2000 Presen Absent	0-2000	Absent Absent	
197 NT	NT	NT	NT	NT	NT	NT	N	т	NT	NT	NT		NT	
206 Absent 212 Absent	Present 2 Present	2000-5000 Absent 0-2000 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs		Present 0-2000 Absent	Absent Absent	Absent		Absent Absent	
216 Absent	Present	0-2000 Absent	Absent	Absent	Absent	Absent	Abs	ent	Absent	Absent	Absent		Absent	
218 Absent 222 NT	Present NT	0-2000 Absent NT	Absent NT	Absent NT	Absent NT	Absent NT	Abs N		Present 0-2000 NT	Present NT	0-2000 Absent NT		Absent NT	
227 Present 2000-50	00 Present 5	5001-9999 Absent	Absent	Absent	Absent	Absent	Abs		Present 0-2000	Absent	Presen	0-2000	Absent	
230 Absent 232 Present 2000-50	Present 00 Present 2	0-2000 Absent 2000-5000 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs		Absent Absent	Absent Absent	Absent Absent		Absent Absent	
242 NT	NT	NT	NT	NT	NT	NT	N	т	NT	NT	NT		NT	
252 Absent 267 Absent	Present Present	0-2000 Absent 0-2000 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs		Absent Present 0-2000	Absent Absent	Absent Absent		Absent Absent	
268 Absent	Present 2	2000-5000 Absent	Absent	Absent	Absent	Absent	Abs	sent	Absent	Absent	Absent		Absent	
273 Present 2000-50 277 Present 0-200	00 Present 5 D Present	5001-9999 Absent 0-2000 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs		Absent Present 0-2000	Absent Absent	Absent Presen	0-2000	Absent Absent	
284 Present 0-200	0 Present	0-2000 Absent	Absent	Absent	Absent	Absent	Abs	sent	Absent	Absent	Absent		Absent	
292 Absent 293 Present 2000-50		2000-5000 Absent 5001-9999 Absent	Absent Absent	Absent Absent	Absent Absent	Absent Absent	Abs		Present 0-2000 Present 2000-5000	Absent Absent	Presen	0-2000 2000-5000	Absent Absent	
294 Absent	Present	0-2000 Absent	Absent	Absent	Absent	Absent	Abs	sent I	Present 0-2000	Absent	Absent	0000	Absent	
302 Absent 303 Present 0-200	Present Present 2	0-2000 Present 2000-5000 Absent	0-2000 Absent Absent	Present Absent	0-2000 Present Absent	0-2000 Present Absent	0-2000 Pres Abs		Present 0-2000 Present 2000-5000	Absent Absent	Absent Presen	2000-5000	Present Absent	0-2000
309 Absent		2000-5000 Absent	Absent	Absent	Absent	Absent	Abs		Present 0-2000	Absent	Absent		Absent	
351 361 NT	NT	NT	NT	NT	NT	NT	N	т	NT	NT	NT		NT	
411 Absent	Absent	Absent	Absent	Absent	Absent	Absent	Abs	sent I	Present 0-2000	Absent	Presen	0-2000	Absent	

UK NEQAS

International Quality Expertise

Histocompatibility & Immunogenetics

NEQ-119

Issue 2

UK NEQAS for H&I is operated by Velindre University NHS Trust, a UKAS accredited proficiency testing provider No 8351.

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		UK NEQAS for H&I - SCHEME 3 - HLA ANTIBODY SPECIFICITY ANALYSIS																						
302-2019 CI Total distributed Total submitted	70 69		70 69		70 69		70 69		70 69		70 69		70 69		70 69		70 69		70 69		70 69		70 69	
I otal submitted Absent	64		69		69		63		64		8		29		25		69 26		60		61		64	
Present	1		1		1		2		1 98.5		57		36 44.6		40		39 40		5		4		1 98.5	
% Absent % Present	98.5 1.5		98.5 1.5		98.5 1.5		96.9 3.1		98.5		12.3 87.7		44.6 55.4		38.5 61.5		40 60		92.3 7.7		93.8 6.2		98.5	
	Absent Present		Absent Present		Absent Present		Absent Present		Absent Present		Present Absent		-										Absent Present	
Number acceptable	64		64		64		63		64		57		-		-				-		-		64	
umber unacceptable Assessed 2	2 2		2		2		3		2 🔽		9 🔽		-		-		-		-		-		2 🔽	
Comments	<u></u>		<u>-</u>		<u></u>		<u>a</u>				<u></u>		-		-		<u></u>				-			
Lab 9	B75 Absent	B75 MFI	B77 Absent	B77 MFI	B54 Absent	B54 MFI	B55 Absent	B55 MFI	B56 Absent	B56 MFI	B27 Present	B27 MFI 2000-5000	B2708 Present	B2708 MFI 2000-5000	B60 Present	B60 MFI 0-2000	B61 Present	B61 MFI 0-2000	B41 Absent	B41 MFI	B42 Absent	B42 MFI	B46 Absent	B46 MF
11	Absent		Absent		Absent		Absent		Absent		Present	0-2000	Absent	2000 0000	Present	0-2000	Present	0-2000	Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present		Present Present		Present Present		Present Present		Absent Absent		Absent Absent		Absent Absent	
15	Absent		Absent		Absent		Absent		Absent		Present	0-2000	Present	0-2000	Absent		Absent		Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Absent	0-2000	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent	
23	Absent		Absent		Absent		Absent		Absent		Present		Present		Present		Present		Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	0-2000	Present Absent	0-2000	Present Present	0-2000	Present Present	0-2000	Absent Absent		Absent Absent		Absent Absent	
26	Absent		Absent		Absent		Absent		Absent		Present	0-2000	Present	0-2000	Present	0-2000	Present	0-2000	Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	0-2000 0-2000	Present Present	0-2000 0-2000	Present Present	0-2000 0-2000	Present Present	0-2000 0-2000	Absent Absent		Absent Absent		Absent Absent	
35	Absent		Absent		Absent		Absent		Absent		Present	0-2000	Present	0-2000	Present	0-2000	Present	0-2000	Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	2000-5000 0-2000	Absent Absent		Present Absent	0-2000	Present Absent	0-2000	Absent Absent		Absent Absent		Absent Absent	
41	Absent		Absent		Absent		Absent		Absent		Present	2000-5000	Absent	2000-5000	Absent		Absent		Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	2000-5000 0-2000	Present Present	0-2000 0-2000	Present Absent	0-2000	Present Absent	0-2000	Present Absent	0-2000	Present Absent	0-2000	Absent Absent	
48	Absent		Absent		Absent		Absent		Absent		Present	0-2000	Present	0-2000	Present	0-2000	Present	0-2000	Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	0-2000 2000-5000	Present Present	0-2000 2000-5000	Absent Present	2000-5000	Absent Present	0-2000	Absent Absent		Absent Absent		Absent Absent	
58	Absent		Absent		Absent		Absent		Absent		Present		Present		Absent		Absent		Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	0-2000 0-2000	Absent Present	0-2000	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent	
112	Absent		Absent		Absent		Absent		Absent		Present	0-2000	Present	0-2000	Present	0-2000	Absent		Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	2000-5000 0-2000	Present Present	2000-5000 0-2000	Present Present	0-2000 0-2000	Present Absent	0-2000	Absent Absent		Absent Absent		Absent Absent	
117	Absent		Absent		Absent		Absent		Absent		Present	2000-5000	Present		Present		Present	0-2000	Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	2000-5000 0-2000	Present Absent	2000-5000	Present Present	0-2000 0-2000	Present Present	0-2000	Absent Absent		Absent Absent		Absent Absent	
133	Absent		Absent		Absent		Absent		Absent		Present	0-2000	Present	0-2000	Absent		Absent		Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	0-2000 2000-5000	Present Absent	0-2000	Present Present	0-2000 0-2000	Present Present	0-2000 0-2000	Absent Absent		Absent Absent		Absent Absent	
143	Absent		Absent		Absent		Absent		Absent		Present	5001-9999	Absent	0-2000	Present	5001-9999 0-2000	Present	5001-9999	Present	2000-5000	Present	2000-5000	Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	0-2000 0-2000	Present Present	0-2000	Present Present	0-2000	Present Present	0-2000 0-2000	Absent Absent		Absent Absent		Absent Absent	
157	Absent		Absent		Absent		Absent		Absent		Present	0-2000	Absent		Present	0-2000	Present	0-2000	Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	2000-5000 2000-5000	Absent Present	2000-5000	Present Present	0-2000 2000-5000	Present Present	0-2000 2000-5000	Absent Absent		Absent Present	0-2000	Absent Absent	
165	Absent		Absent		Absent		Absent		Absent		Present	0-2000 2000-5000	Absent		Absent	2000-5000	Present	0-2000	Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	2000-5000 0-2000	Absent Present	0-2000	Present Present	2000-5000	Present Present	0-2000	Absent Absent		Absent Absent		Absent Absent	
	Absent		Absent		Absent		Absent		Absent		Present	0-2000	Present	0-2000	Present	0-2000	Present	0-2000	Present	0-2000	Absent		Absent	
195 197	Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Present NT	0-2000	Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Absent NT	
206	Absent		Absent		Absent		Absent		Absent		Present	0-2000	Absent		Present	0-2000	Absent		Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent	
218 222	Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Present NT	0-2000	Present NT	0-2000	Present NT	0-2000	Present NT	0-2000	Absent NT		Absent NT		Absent NT	
	Absent		Absent		Absent		Absent		Absent		Present	2000-5000	Absent		Present	0-2000	Present	0-2000	Absent		Absent		Absent	
230	Absent		Absent		Absent		Absent		Absent		Absent		Present	0-2000	Absent		Absent		Absent		Absent		Absent	
232 242	Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Present NT	0-2000	Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Absent NT	
	Absent		Absent		Absent		Absent		Absent		Absent	0.0000	Absent	0.0000	Absent		Absent		Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Absent	0-2000	Present Absent	0-2000	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent	
	Absent		Absent		Absent		Absent		Absent		Present	0-2000	Absent	0.0000	Absent	0.0000	Absent	0.0000	Absent		Absent		Absent	
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	0-2000 0-2000	Present Absent	0-2000	Present Absent	0-2000	Present Absent	0-2000	Absent Absent		Absent Absent		Absent Absent	
292	Absent		Absent		Absent		Absent		Absent		Present	2000-5000	Present	2000-5000	Present	0-2000	Present	0-2000	Absent		Absent		Absent	
294	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	2000-5000 0-2000	Absent Present	0-2000	Present Present	2000-5000 0-2000	Present Absent	2000-5000	Absent Absent		Absent Absent		Absent Absent	
	Present Absent	0-2000	Present Absent	0-2000	Present Absent	0-2000	Present Present	0-2000 0-2000	Present Absent	0-2000	Absent Present	2000-5000	Absent Absent		Absent Present	2000-5000	Present Present	0-2000 2000-5000	Present Present	0-2000 0-2000	Absent Present	0-2000	Present Absent	0-200
309	Absent Absent		Absent		Absent		Absent	0-2000	Absent Absent		Absent	2000-5000	Absent		Absent	2000-5000	Absent	2000-5000	Absent	0-2000	Absent	0-2000	Absent	
351 361	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
	NT		NT		NT		NT		NT															

International Quality Expertise

UK NEQAS

NEQ-119

Issue 2

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											UK NE	QAS for	H&I - S	СНЕМЕ З	- HLA AI	NTIBODY	SPECIFIC	ITY ANALY	/SIS					
302-2019 CI Total distributed	70		70		70		70		70		70		70		70		70		70					
Total submitted Absent	69 59		69 46		69 64		69 56		69 59		69 64		69 27		69 64		69 64		69 64					
Present % Absent	6 90.8		19 70.8		1 98.5		9 86.2		6 90.8		1 98.5		38 41.5		1 98.5		1 98.5		1 98.5					
% Present	9.2		29.2		1.5		13.8		9.2		1.5		58.5		1.5		1.5		1.5					
Consensus Unacceptable	-				Absent Present				-		Absent Present				Absent Present		Absent Present		Absent Present					
Number acceptable Number unacceptable					64 2						64 2		:		64 2		64 2		64 2					
Assessed M																								
<u>Comments</u>																								sment
Lab 9	B47 Absent	B47 MFI	B48 Present	B48 MFI 0-2000	B59 Absent	B59 MFI	B67 Absent	B67 MFI	B73 Absent	B73 MFI	B78 Absent	B78 MFI	B81 Present	B81 MFI 0-2000	Cw9 Absent	Cw9 MFI	Cw16 Absent	Cw16 MFI	Cw18 Absent	Cw18 MFI	Received 06/06/2019	Tested 09/06/2019	Presence 100%	Absence 100%
	Absent Absent		Absent Present		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	0-2000	Absent Absent		Absent Absent		Absent Absent		04/06/2019 04/06/2019	11/06/2019 06/06/2019	100% 100%	100% 100%
14	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		05/06/2019 06/06/2019	21/06/2019 17/06/2019	100% 100%	100%
19	Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent		05/06/2019	10/06/2019	100%	100%
23	Absent Absent		Absent Present		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Present		Absent Absent		Absent Absent		Absent Absent		05/06/2019 05/06/2019	11/06/2019 07/06/2019	50% 100%	100% 100%
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	0-2000	Absent Absent		Absent Absent		Absent Absent		05/06/2019 05/06/2019	18/06/2019 07/06/2019	100% 100%	100% 100%
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	0-2000 0-2000	Absent Absent		Absent Absent		Absent Absent		05/06/2019 05/06/2019	10/06/2019 19/06/2019	100% 100%	100% 100%
34	Absent		Absent		Absent		Absent		Absent Absent		Absent		Present	0-2000	Absent		Absent		Absent		05/06/2019 05/06/2019	06/06/2019 10/06/2019	100% 100%	100%
38	Absent		Present	0-2000	Absent		Absent		Absent		Absent		Present	0-2000	Absent		Absent		Absent		05/06/2019	07/06/2019	100%	100%
41	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		05/06/2019 04/06/2019	07/06/2019 13/06/2019	100% 100%	100% 100%
	Absent Absent		Present Absent	0-2000	Absent Absent		Present Absent	0-2000	Present Absent	0-2000	Absent Absent		Present Absent	0-2000	Absent Absent		Absent Absent		Absent Absent		04/07/2019 0000-00-00	05/07/2019 20/06/2019	100% 100%	100% 100%
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Absent	0-2000	Absent Absent		Absent Absent		Absent Absent		06/06/2019 05/06/2019	07/06/2019 07/07/2019	100% 100%	100% 100%
54	Absent Absent		Present Absent	0-2000	Absent Absent		Absent Absent		Absent Absent		Absent Absent			2000-5000	Absent Absent		Absent Absent		Absent Absent		05/06/2019 05/06/2019	12/06/2019 07/06/2019	100% 100%	100% 100%
62	Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent		05/06/2019	04/07/2019	100%	100%
112	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Present	0-2000	Absent Absent		Absent Absent		Absent Absent		06/06/2019 10/06/2019	12/06/2019 20/06/2019	100% 100%	100% 100%
	Present Absent	0-2000	Present Absent	0-2000	Absent Absent		Absent Absent		Present Absent	0-2000	Absent Absent		Present Absent	0-2000	Absent Absent		Absent Absent		Absent Absent		05/06/2019 06/06/2019	19/06/2019 11/06/2019	100% 100%	100% 100%
	Absent Absent		Present Present	0-2000	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	0-2000	Absent Absent		Absent Absent		Absent Absent		06/06/2019 05/06/2019	05/07/2019	100% 100%	100% 100%
120	Absent		Absent	0 2000	Absent		Absent		Absent Absent		Absent		Present	0-2000	Absent		Absent		Absent		05/06/2019 21/06/2019	21/06/2019 27/06/2019	100% 100%	100%
136	Absent		Absent		Absent		Absent		Absent		Absent		Present	0-2000	Absent		Absent		Absent		05/06/2019	06/06/2019	100%	100%
143	Absent Present	0-2000		2000-5000	Absent Absent		Absent Present	2000-5000		2000-5000	Absent Absent		Present Present	0-2000 5001-9999	Absent Absent		Absent Absent		Absent Absent		06/06/2019 10/06/2019	07/06/2019 14/06/2019	100% 100%	100% 100%
149			Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Absent	0-2000	Absent Absent		Absent Absent		Absent Absent		05/06/2019 06/06/2019	06/06/2019 07/06/2019	100% 100%	100% 100%
	Absent Absent		Absent Present	0-2000	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Present	0-2000 0-2000	Absent Absent		Absent Absent		Absent Absent		05/06/2019 05/06/2019	18/06/2019 14/06/2019	100% 100%	100% 100%
	Absent Absent		Present Absent	0-2000	Absent Absent		Present Absent	0-2000	Present Absent	0-2000	Absent Absent		Present Absent	2000-5000	Absent Absent		Absent Absent		Absent Absent		05/06/2019 24/06/2019	10/07/2019 01/07/2019	100% 100%	100% 100%
169	Absent		Present	0-2000 0-2000	Absent		Present	0-2000	Present	0-2000	Absent			2000-5000 0-2000	Absent		Absent		Absent		05/06/2019 05/06/2019	14/06/2019 11/06/2019	100% 100%	100%
185	Present	0-2000	Absent	0-2000	Absent		Present	0-2000	Absent		Absent		Present	0-2000	Absent		Absent		Absent		05/06/2019	05/06/2019	100%	94.40%
197	Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		07/06/2019 0000-00-00	07/06/2019 0000-00-00	100% Not assessed	100% Not assessed
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Present Absent	0-2000	Absent Absent		Absent Absent		Absent Absent		04/06/2019 08/06/2019	12/06/2019 19/06/2019	100% 50%	100% 100%
	Absent Present	0-2000	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Present	0-2000	Absent Absent		Absent Absent		Absent Absent		0000-00-00	09/07/2019 08/07/2019	50% 100%	100% 94.40%
222	NT Absent	0-2000	NT Present	0-2000	NT Absent		NT Present	0-2000	NT Absent		NT Absent		NT Present	0-2000	NT Absent		NT Absent		NT Absent		0000-00-00 05/06/2019		Not assessed 100%	Not assessed 100%
230	Absent		Absent	0-2000	Absent		Absent	0-2000	Absent		Absent		Absent	0-2000	Absent		Absent		Absent		24/06/2019	25/06/2019	50%	100%
242	Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		Absent NT		10/06/2019 0000-00-00		100% Not assessed	100% Not assessed
	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		27/06/2019 05/06/2019	05/07/2019 26/06/2019	50% 100%	100% 100%
268	Absent		Absent Absent		Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent		Absent Absent		11/06/2019 04/06/2019	14/06/2019 06/06/2019	50% 100%	100%
277			Present	0-2000	Absent Absent		Absent Absent		Absent		Absent Absent		Present	0-2000	Absent		Absent Absent		Absent Absent		06/06/2019 05/06/2019	20/06/2019 11/06/2019	100% 100%	100%
292	Absent		Present	0-2000	Absent		Absent		Absent		Absent		Present	0-2000	Absent		Absent		Absent		07/06/2019	12/06/2019	100%	100%
294			Present Absent	2000-5000	Absent Absent		Absent Absent		Absent Absent		Absent Absent		Absent	2000-5000	Absent Absent		Absent Absent		Absent Absent		06/06/2019 05/06/2019	13/07/2019 07/06/2019	100% 100%	100% 100%
303	Present Present	0-2000 0-2000	Absent Present	2000-5000	Present Absent	0-2000	Present Present	0-2000 0-2000	Absent Present	0-2000	Present Absent	0-2000	Present Present	0-2000 2000-5000	Present Absent	0-2000	Present Absent	0-2000	Present Absent	0-2000	10/06/2019 05/06/2019	03/07/2019 12/06/2019	50% 100%	5.60% 94.40%
	Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent		07/06/2019	19/06/2019	50% 0%	100%
361	NT Absent		NT Absent		NT Absent		NT Present	0-2000	NT Absent		NT Absent		NT Present	0-2000	NT Absent		NT Absent		NT Absent		0000-00-00	0000-00-00	Not assessed 50%	Not assessed
411	Ausent		Ausent		Ausent		riesent	0-2000	Ausent		Absent		rresent	0-2000	Ausent		Ausent		Ausent		04/00/2019	11/00/2019	50%	100%

UK NEQAS

International Quality Expertise

NEQ-119

Issue 2

UK NEQAS for H&I is operated by Velindre University NHS Trust, a UKAS accredited proficiency testing provider No 8351.

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											U	K NEQA
303-2019 CII	DR4		DR7		DQ6		DQ7		DQ8		DQ9	
Total distributed	69		69		69		69		69		69	
Total submitted	68		68		68		68		68		68	
Absent	3		56		63				-		-	
Present	61		8		1		64		64		64	
% Absent	4.7		87.5		98.4		-		-		-	
% Present	95.3		12.5		1.6		100		100		100	
Consensus	Present				Absent		Present		Present		Present	
Unacceptable	Absent		-		Present		-		-		-	
Number acceptable	61		-		63		64		64		64	
Number unacceptable	4		-		2		1		1		1	
Assessed Z												
Comments												
Lab	DR4	DR4 MFI	DR7	DR7 MFI	DQ6	DQ6 MFI	DQ7	DQ7 MFI	DQ8	DQ8 MFI	DQ9	DQ9 MF
9	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000
11	Present	0-2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000
12	Present		Present		Absent		Present		Present		Present	
14	Present	0.0000	Absent		Absent		Present	> 10000	Present	> 10000	Present	~ 40000
15 19	Present Present	0-2000 0-2000	Absent Absent		Absent Absent		Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000
20	Absent	0=2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000
20	Present		Absent		Absent		Present	≞ 10000	Present	£ 10000	Present	≥ 10000
23	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000
25	Present	0000	Absent		Absent		Present		Present		Present	
26	Present	0-2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000
28	Present	0-2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000
34	Present	0-2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000
35	Present	0-2000	Absent		Present	2000-5000	Present	≥10000	Present	≥10000	Present	≥10000
38	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000
39	Present	0-2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000
41	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000
42	Present	2000-5000	Present	0-2000	Absent		Present	≥10000	Present	≥10000	Present	≥10000
45	Present	0-2000 0-2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000 ≥10000
48 51	Present Present	2000-5000	Absent Absent		Absent Absent		Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Present Present	≥10000
							1 ICSCIII	≥ 10000	ricacill			
54		2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000

											U		for H&I - S(CHEME 3 - HLA	ANTIBODY	SPECIFICITY A	NALYSIS			
303-2019 CII	DR4		DR7		DQ6		DQ7		DQ8		DQ9	and QAS	DPB1*10.01		DPB1*14-01					
al distributed	69		69		69		69		69		69		69		69					
tal submitted	68		68		68		68		68		68		68		68					
Absent	3		56		63		-		-		-		62		48					
Present	61		8		1		64		64		64		2		16					
% Absent % Present	4.7 95.3		87.5 12.5		98.4 1.6		- 100		- 100		- 100		96.9 3.1		75 25					
	Present		12.5		Absent		Present		Present		Present		Absent		-					
Jnacceptable	Absent				Present		-		-		-		Present		-					
er acceptable	61		-		63		64		64		64		62		-					
unacceptable	4		-		2		1		1		1 🔽		3		-					
Assessed Comments																				
<u></u>																			Asses	sment
Lab	DR4	DR4 MFI		DR7 MFI	DQ6	DQ6 MFI	DQ7	DQ7 MFI	DQ8	DQ8 MFI	DQ9	DQ9 MFI	DPB1*10:01	DPB1*10:01 MFI		DPB1*14:01 MFI	Received	Tested	Presence	Absence
	Present Present	2000-5000 0-2000	Absent Absent		Absent Absent		Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Absent Absent		Absent Absent		06/06/2019 04/06/2019	09/06/2019 11/06/2019	100% 100%	100% 100%
	Present	0 2000	Present		Absent		Present	=10000	Present	=10000	Present	=10000	Present		Present		04/06/2019	06/06/2019	100%	50%
	Present		Absent		Absent		Present		Present		Present		Absent		Absent		05/06/2019	21/06/2019	100%	100%
	Present	0-2000 0-2000	Absent Absent		Absent Absent		Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Absent Absent		Absent Absent		06/06/2019 05/06/2019	17/06/2019 10/06/2019	100% 100%	100% 100%
20	Absent	0=2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		05/06/2019	11/06/2019	75%	100%
23	Present		Absent		Absent		Present		Present		Present		Absent		Absent		05/06/2019	07/06/2019	100%	100%
	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Present	0-2000	05/06/2019	18/06/2019	100%	100%
25 26	Present Present	0-2000	Absent Absent		Absent Absent		Present Present	≥10000	Present Present	≥10000	Present Present	≥10000	Absent Absent		Present Absent		05/06/2019 05/06/2019	07/06/2019 10/06/2019	100% 100%	100% 100%
	Present	0-2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Present	0-2000	05/06/2019	19/06/2019	100%	100%
	Present	0-2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		05/06/2019	06/06/2019	100%	100%
	Present	0-2000	Absent			2000-5000	Present	≥10000	Present	≥10000	Present	≥10000 ≥10000	Absent		Absent		05/06/2019	10/06/2019	100% 100%	50% 100%
39	Present Present	2000-5000 0-2000	Absent Absent		Absent Absent		Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Present Present	≥10000	Absent Absent		Absent Absent		05/06/2019 05/06/2019	07/06/2019 07/06/2019	100%	100%
41	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		04/06/2019	13/06/2019	100%	100%
	Present	2000-5000	Present	0-2000	Absent		Present	≥10000	Present	≥10000	Present	≥10000	Present	0-2000	Present	0-2000	04/07/2019	05/07/2019	100%	50%
	Present Present	0-2000	Absent Absent		Absent Absent		Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Absent Absent		Absent Absent		0000-00-00	20/06/2019 07/06/2019	100% 100%	100% 100%
	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		05/06/2019	07/07/2019	100%	100%
	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Present	0-2000	05/06/2019	12/06/2019	100%	100%
	Present Present	0-2000	Absent Absent		Absent Absent		Present Present	≥10000	Present Present	≥10000	Present Present	≥10000	Absent Absent		Present Absent		05/06/2019 05/06/2019	07/06/2019 04/07/2019	100% 100%	100% 100%
	Present	0-2000	Absent		Absent		Present	0-2000	Present	0-2000	Present	0-2000	Absent		Absent		06/06/2019	12/06/2019	100 %	100%
112	Present	0-2000	Absent		Absent		Present	≥10000	Present	5001-9999	Present	5001-9999	Absent		Absent		10/06/2019	20/06/2019	100%	100%
	Present		Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		05/06/2019	19/06/2019	100% 100%	100% 100%
	Present Present	2000-5000	Absent Present		Absent Absent		Present Present	≥10000	Present Present	≥10000	Present Present	≥10000	Absent Absent		Absent Present		06/06/2019 06/06/2019	11/06/2019 05/07/2019	100%	100%
119	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		05/06/2019	13/06/2019	100%	100%
	Present	0-2000	Present	0-2000	Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Present	0-2000	05/06/2019	21/06/2019	100%	100%
	Present Present	0-2000 2000-5000	Absent Absent		Absent Absent		Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Absent Absent		Absent Present	0-2000	21/06/2019 05/06/2019	27/06/2019 06/06/2019	100% 100%	100% 100%
	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Present	0-2000	06/06/2019	07/06/2019	100%	100%
	Present	5001-9999	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Present	0-2000	10/06/2019	14/06/2019	100%	100%
	Present	0-2000 0-2000	Absent Absent		Absent Absent		Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Absent Absent		Absent Absent		05/06/2019 06/06/2019	06/06/2019	100% 100%	100% 100%
	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		05/06/2019	18/06/2019	100%	100%
160	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		05/06/2019	14/06/2019	100%	100%
	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		05/06/2019	10/07/2019	100%	100%
	Present Present	2000-5000 0-2000	Absent Absent		Absent Absent		Present Present	0-2000 ≥10000	Present Present	0-2000 ≥10000	Present Present	0-2000 ≥10000	Absent Absent		Absent Absent		24/06/2019 05/06/2019	01/07/2019 14/06/2019	100% 100%	100% 100%
	Present	0-2000	Present	0-2000	Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Present	0-2000	05/06/2019	11/06/2019	100%	100%
	Present	0-2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		05/06/2019	05/06/2019	100%	100%
195 197	Present NT	0-2000	Absent NT		Absent NT		Present NT	≥10000	Present NT	≥10000	Present NT	≥10000	Absent NT		Present NT	0-2000	07/06/2019 0000-00-00	07/06/2019 0000-00-00	100% Not assessed	100% Not assessed
	Present	0-2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Present	0-2000	04/06/2019	12/06/2019	100%	100%
212	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		08/06/2019	19/06/2019	100%	100%
	Present Present	2000-5000 0-2000	Absent Absent		Absent Absent		Present Present	5001-9999 ≥10000	Present Present	5001-9999 ≥10000	Present Present	5001-9999 5001-9999	Absent Absent		Absent Absent		0000-00-00 08/07/2019	09/07/2019 08/07/2019	100% 100%	100% 100%
210	NT	0=2000	NT		NT		NT	210000	NT	210000	NT	3001-3333	NT		NT		0000-00-00	0000-00-00	Not assessed	Not assessed
227			Present	0-2000	Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Present	0-2000	05/06/2019	16/07/2019	100%	100%
	Present	0-2000	Absent	0.0000	Absent		Present	≥10000	Present	≥10000	Present	5001-9999	Absent		Absent		24/06/2019	25/06/2019	100%	100%
232 242	Present NT	2000-5000	Present NT	0-2000	Absent NT		Present NT	≥10000	Present NT	≥10000	Present NT	≥10000	Absent NT		Absent NT		10/06/2019	12/06/2019 0000-00-00	100% Not assessed	100% Not assessed
	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		27/06/2019	05/07/2019	100%	100%
	Present	0-2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		05/06/2019	26/06/2019	100%	100%
268 273	Absent Present	2000-5000	Absent Absent		Absent Absent		Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Present Present	≥10000 ≥10000	Absent Absent		Absent Absent		11/06/2019 04/06/2019	14/06/2019 06/06/2019	75% 100%	100% 100%
273	NT		NT		NT		NT		NT		NT		NT		NT		06/06/2019	20/06/2019	Not assessed	Not assessed
284	Present	0-2000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		05/06/2019	11/06/2019	100%	100%
	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		07/06/2019	12/06/2019	100%	100%
	Present Present	2000-5000 0-2000	Absent Absent		Absent Absent		Present Present	≥10000 ≥10000	Present Present	≥10000 5001-9999	Present Present	≥10000 5001-9999	Absent Absent		Absent Absent		06/06/2019 05/06/2019	13/07/2019 07/06/2019	100% 100%	100% 100%
302	Absent		Absent		Absent		Present	2000-5000	Present	0-2000	Present	0-2000	Absent		Absent		10/06/2019	03/07/2019	75%	100%
	Present		Present	0-2000	Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		05/06/2019	12/06/2019	100%	100%
309 351	Present	0-2000	Absent		Absent		Present	≥10000	Present	5001-9999	Present	5001-9999	Absent		Absent		07/06/2019	19/06/2019	100% 0%	100% 0%
361	NT		NT		NT		NT		NT		NT		NT		NT		0000-00-00	0000-00-00	Not assessed	Not assessed
411	Present	2000-5000	Absent		Absent		Present	≥10000	Present	≥10000	Present	≥10000	Absent		Absent		04/06/2019	11/06/2019	100%	100%

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