

UK NEQAS FOR H&I SCHEME 10 – HPA GENOTYPING

METHODOLOGY

SSP = PCR-SSP, SSOP = PCR-SSOP, revSSOP= reverse SSOP, LUM = Luminex

SAMPLES 10 06 - 10/2018

DISPATCHED ON 25TH SEPTEMBER 2018

Lab No.	Date received	Date tested	Method used	Source of Primers and Probes			Kit manufacturer	Detection method	DNA extraction method	Comments
				Commercial Kits	Own Design	Other				
2	26-Sep	27-Sep	RT-PCR		Yes			Fluorescence	Automated- Roche MagNA Pure	
20	26-Sep	02-Oct								
26	26-Sep	28-Sep								
29	26-Sep	28-Sep	PCR-SSP	Yes			Innotrain	Gel	Automated - GenoM6	
35	27-Sep	04-Oct	PCR-SSP, TAQMAN	Yes	Yes		Innotrain	Gel, Fluorescence		PCR-SSP commercial kit, TAQMAN in-house kit
75	26-Sep	02-Oct	PCR-SSO	Yes			ID-HPA XT	Fluorescence		
120	26-Sep	02-Oct								
128	26-Sep	01-Oct								
130	26-Sep	27-Sep								
147	26-Sep	26-Sep	PCR-SSP	Yes			Innotrain	Gel	Automated - Fugifilm	
158	27-Sep	02-Oct								
163	26-Sep	27-Sep	PCR-SSP	Yes				Gel	Manual - Protrans	
176	26-Sep	01-Oct								
180	27-Sep	02-Oct								In our routine we don't test for HPA-4 and HPA-6 mainly because we don't have controls to validate these polymorphisms. In our population HPA-6 has low frequency and also we don't have reagents.
199	28-Sep	01-Oct								
204	26-Sep	09-Oct								
206	26-Sep	27-Sep								
227	26-Sep	28-Sep	PCR-SSP	Yes				Gel, Fluorescence		
276	28-Sep	03-Oct								
379	02-Oct	04-Oct	PCR-SSP, RT-PCR		Yes			Gel, Fluorescence	Automated- Qiacube	
380	03-Oct	04-Oct	Real-Time	Yes			LinkSeq HPA Typing Kits	Fluorescence	Automated- Qiacube	
381	26-Sep	04-Oct								
382	26-Sep	01-Oct								
383	27-Sep	28-Sep	PCR-SSP		Yes			Gel	Automated - QIAcube	
384	26-Sep	28-Sep								
386	27-Sep	01-Oct	PCR-SSP	Yes			BAG	Gel	Automated - QIAsymphony	
387	27-Sep	04-Oct	PCR-SSP	Yes				Gel	Manual - Geneall	
388	29-Sep	04-Oct								
389	28-Sep	02-Oct	RT-PCR		Yes			Fluorescence	Automated - Magnetic bead	
390	26-Sep	28-Sep	PCR-SSP	Yes			Innotrain	Fluorescence	Protrans DNA box500	
391	26-Sep	27-Sep	PCR-SSP	Yes			HPA-TYPE Bag Healthcare	Gel	Automated- Maxwell 16 Blood DNA purification kit	
394	10-Oct	16-Oct								Please note, our samples were held up in Australian Customs for approx 15 days so sample integrity may have been compromised.
395	26-Sep	04-Oct	PCR-SSP	Yes			HPA Readu Gene Plus (Innotra	Gel		
397										
400	27-Sep	03-Oct								
405	27-Sep	03-Oct	Microarray	Yes			HPA BeadChip BioArray Solutions- Immucor	Fluorescence	Automated- Qiacube	
410	27-Sep	06-Oct	PCR-SSP	Yes			BAGene HPA-Type	Capillary electrophoresis with gel cartridge		

UK NEQAS FOR H&I SCHEME 10 – HPA GENOTYPING

SAMPLE 10 06/2018
DISPATCHED ON 25TH SEPTEMBER 2018

Total tested	37	37	36	36	36	36	32	32	36	36	28	28	36	36
Positive	37	37	36	0	36	36	32	0	36	0	28	0	36	0
Negative	0	0	0	36	0	0	0	32	0	36	0	28	0	36
NT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Positive	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%
% Negative	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%

Lab No.	Consensus Positive		Positive		Positive		Positive		Negative		Positive		Negative		Positive		Negative		Comment
	HPA-1		HPA-2		HPA-3		HPA-4		HPA-5		HPA-6		HPA-15						
	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	
2	Positive	Positive																	
20	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
26	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
29	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Negative	Positive	Negative			
35	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
75	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
120	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
128	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Negative	Positive	Negative			
130	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
147	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Negative	Positive	Negative			
158	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Negative	Positive	Negative			
163	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
176	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
180	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Negative	Positive	Negative			
199	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
204	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
206	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
227	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
276	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
379	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
380	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
381	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
382	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
383	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Negative	Positive	Negative			
384	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
386	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
387	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
388	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Negative	Positive	Negative			
389	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
390	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
391	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
394	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
395	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
397	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Negative	Positive	Negative			
400	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			

UK NEQAS FOR H&I SCHEME 10 – HPA GENOTYPING

SAMPLE 10 07/2018
DISPATCHED ON 25TH SEPTEMBER 2018

Total tested	37	37	36	36	36	36	32	32	36	36	28	28	36	36
Positive	37	37	36	0	36	35	32	0	36	0	28	0	36	0
Negative	0	0	0	36	0	1	0	32	0	36	0	28	0	36
NT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Positive	100.0%	100.0%	100.0%	0.0%	100.0%	97.2%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%
% Negative	0.0%	0.0%	0.0%	100.0%	0.0%	2.8%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%

Lab No.	Consensus Positive		Positive		Positive		Positive		Positive		Positive		Positive		Comment
	Positive		Positive		Positive		Positive		Positive		Positive		Positive		
	HPA-1 a	HPA-1 b	HPA-2 a	HPA-2 b	HPA-3 a	HPA-3 b	HPA-4 a	HPA-4 b	HPA-5 a	HPA-5 b	HPA-6 a	HPA-6 b	HPA-15 a	HPA-15 b	
2	Positive	Positive													
20	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
26	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
29	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Negative	
35	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
75	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
120	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
128	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Negative	
130	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
147	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Negative	
158	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Negative	
163	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
176	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
180	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Negative	
199	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
204	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
206	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
227	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
276	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
379	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
380	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
381	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
382	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
383	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Negative	
384	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
386	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
387	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
388	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Negative	
389	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
390	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
391	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
394	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
395	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
397	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Negative	
400	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	

UK NEQAS FOR H&I SCHEME 10 – HPA GENOTYPING

SAMPLE 10 08/2018
DISPATCHED ON 25TH SEPTEMBER 2018

Total tested	37	37	36	36	36	36	32	32	36	36	28	28	36	36
Positive	37	0	36	0	36	36	32	0	36	0	28	0	36	36
Negative	0	37	0	36	0	0	0	32	0	36	0	28	0	0
NT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Positive	100.0%	0.0%	100.0%	0.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	100.0%
% Negative	0.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	0.0%

Lab No.	Consensus		Positive		Negative		Positive		Positive		Positive		Negative		Positive		Negative		Positive		Positive		Comment
	HPA-1		HPA-2		HPA-3		HPA-4		HPA-5		HPA-6		HPA-15										
	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b			
2	Positive	Negative																					
20	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive							
26	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive							
29	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Positive	Positive	Positive							
35	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
75	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
120	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
128	Positive	Negative	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Positive	Positive	Positive							
130	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
147	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Positive	Positive	Positive							
158	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Positive	Positive	Positive							
163	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
176	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
180	Positive	Negative	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Positive	Positive	Positive							
199	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
204	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
206	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
227	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
276	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
379	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
380	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
381	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
382	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
383	Positive	Negative	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Positive	Positive	Positive							
384	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
386	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
387	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
388	Positive	Negative	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Positive	Positive	Positive							
389	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
390	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
391	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
394	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
395	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							
397	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Positive	Positive	Positive							
400	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive							

UK NEQAS FOR H&I SCHEME 10 – HPA GENOTYPING

SAMPLE 10 09/2018
DISPATCHED ON 25TH SEPTEMBER 2018

Total tested	37	37	36	36	36	36	32	32	36	36	28	28	36	36
Positive	37	37	36	0	36	36	32	0	36	1	28	0	36	36
Negative	0	0	0	36	0	0	0	32	0	35	0	28	0	0
NT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Positive	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%	0.0%	100.0%	2.8%	100.0%	0.0%	100.0%	100.0%
% Negative	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%	97.2%	0.0%	100.0%	0.0%	0.0%

Lab No.	Consensus Positive		Positive		Positive		Positive		Negative		Positive		Negative		Positive		Positive		Comment
	HPA-1		HPA-2		HPA-3		HPA-4		HPA-5		HPA-6		HPA-15						
	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	
2	Positive	Positive																	
20	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
26	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
29	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Positive	Positive	Positive			
35	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
75	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
120	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
128	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Positive	Positive	Positive			
130	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
147	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Positive	Positive	Positive			
158	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Positive	Positive	Positive			
163	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
176	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
180	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Positive			Positive	Positive	Positive	Positive			
199	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
204	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
206	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
227	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
276	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
379	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
380	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
381	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
382	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
383	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Positive	Positive	Positive			
384	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
386	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
387	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
388	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Positive	Positive	Positive			
389	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
390	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
391	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
394	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
395	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
397	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Positive	Positive	Positive			
400	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			

UK NEQAS FOR H&I SCHEME 10 – HPA GENOTYPING

SAMPLE 10 10/2018
DISPATCHED ON 25TH SEPTEMBER 2018

Total tested	36	36	35	35	35	35	31	31	35	35	27	27	35	35
Positive	36	36	35	0	0	35	31	0	35	35	27	0	35	35
Negative	0	0	0	35	35	0	0	31	0	0	0	27	0	0
NT	1	1	1	1	1	1	1	1	1	1	1	1	0	0
% Positive	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
% Negative	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%

Consensus Positive Positive Positive Negative Negative Positive Positive Negative Positive Positive Positive Negative Positive Positive

Lab No.	HPA-1		HPA-2		HPA-3		HPA-4		HPA-5		HPA-6		HPA-15		Comment
	a	b	a	b	a	b	a	b	a	b	a	b	a	b	
2	Positive	Positive													
20	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
26	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
29	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive		Positive	Positive	
35	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
75	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
120	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
128	Positive	Positive	Positive	Negative	Negative	Positive			Positive	Positive			Positive	Positive	
130	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
147	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive			Positive	Positive	
158	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive			Positive	Positive	
163	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Sample 1010/2018 not tested for reasons of internal organization in the laboratory
176	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
180	Positive	Positive	Positive	Negative	Negative	Positive			Positive	Positive			Positive	Positive	
199	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
204	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
206	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
227	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
276	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
379	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
380	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
381	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
382	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
383	Positive	Positive	Positive	Negative	Negative	Positive			Positive	Positive			Positive	Positive	
384	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
386	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
387	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
388	Positive	Positive	Positive	Negative	Negative	Positive			Positive	Positive			Positive	Positive	
389	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
390	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
391	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
394	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
395	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	
397	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive			Positive	Positive	
400	Positive	Positive	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Positive	