

**UK NEQAS FOR H&I SCHEME 10 – HPA GENOTYPING**

METHODOLOGY

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

SAMPLES 1001 - 05/2018  
DISPATCHED ON 13TH MARCH 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	14/03/2018	21/03/2018								
20	14/03/2018	16/03/2018								
26	14/03/2018	16/03/2018								
29	14/03/2018	56/03/2018	PCR-SSP	Yes			Innotrain	Gel	Automated - GenoM6	
35	14/03/2018	19/03/2018								
75	15/03/2018	26/03/2018								
120	14/03/2018	22/03/2018								
128	15/03/2018	21/03/2018								
130	14/03/2018	16/03/2018								
147	14/03/2018	15/03/2018	PCR-SSP	Yes			Innotrain	Gel	Automated - Fugifilm	
158	15/03/2018	22/03/2018								
163	14/03/2018	15/03/2018	PCR-SSP	Yes				Gel	Manual - Protrans	
164										
180	16/03/2018	22/03/2018								
199	16/03/2018	23/08/2018								
204	15/03/2018	27/03/2018								
206	14/03/2018	19/03/2018								
227	14/03/2018	26/03/2018								
276	14/03/2018	20/03/2018								
379	20/03/2018	21/03/2018								
380	20/03/2018	22/03/2018								
381	14/03/2018	19/03/2018								
382	15/03/2018	21/03/2018								
383	15/03/2018	21/03/2018	PCR-SSP		Yes			Gel	Automated - QIAcube	
384	15/03/2018	20/03/2018								
386	15/03/2018	19/03/2018	PCR-SSP	Yes			BAG	Gel	Automated - QIAAsymphony	
387	20/03/2018	21/03/2018	PCR-SSP	Yes				Gel	Manual - Geneall	
388	22/03/2018	27/03/2018								
389	19/03/2018	23/03/2018	PCR-SSP, RT-PCR	Yes				Gel, Fluorescence	Automated - QIAAsymphony	
390	14/03/2018	15/03/2018								
391	14/03/2018	16/03/2018								
394	21/03/2018	27/03/2018								
395	14/03/2018	26/03/2018								
397	14/03/2018	16/03/2018								
400										

**UK NEQAS FOR H&I SCHEME 10 – HPA GENOTYPING**

SAMPLE 1001/2018  
DISPATCHED ON 13TH MARCH 2018

Total tested	33	33	32	32	32	32	28	28	32	32	23	23	32	32
Positive	33	0	32	0	32	0	28	0	32	0	23	0	32	0
Negative	0	33	0	32	0	32	0	28	0	32	0	23	0	32
NT	2	2	2	2	3	3	2	2	4	4	2	2	0	0
% Positive	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%
% Negative	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%

Lab No.	Consensus		Positive		Negative		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	Negative																	
20	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
26	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
29	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
35	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
75	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
120	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
128	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
130	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
147	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
158	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
163	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
164	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			No results returned
180	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
199	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
204	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
206	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
227	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
276	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
379	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
380	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
381	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			Some HPA-6 were not amplified.
382	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
383	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
384	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
386	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
387	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
388	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Negative	NT	NT	Positive	Negative	Positive	Negative			
389	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
390	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
391	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
394	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
395	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
397	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
400	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			No results returned

**UK NEQAS FOR H&I SCHEME 10 – HPA GENOTYPING**

SAMPLE 1002/2018  
DISPATCHED ON 13TH MARCH 2018

Total tested	33	33	32	32	32	32	28	28	32	32	23	23	32	32
Positive	33	0	32	0	32	32	28	0	32	0	23	0	32	31
Negative	0	33	0	32	0	0	0	28	0	32	0	23	0	1
NT	2	2	2	2	3	3	2	2	4	4	2	2	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%	96.9%
% 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%	3.1%

Lab No.	Consensus		Positive		Negative		Positive		Positive		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	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	Positive	Positive	Positive			
75	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
120	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	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	Positive	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	Positive	Positive	Positive			
164	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
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	Positive	Positive	Positive			
204	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
206	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
227	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
276	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
379	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
380	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Positive			
381	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive		Some HPA-6 were not amplified.	
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	Negative	Positive	Negative			
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	NT	NT	Positive	Negative	Positive	Negative	NT	NT	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	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			

**UK NEQAS FOR H&I SCHEME 10 – HPA GENOTYPING**

SAMPLE 1003/2018  
DISPATCHED ON 13TH MARCH 2018

Total tested	33	33	32	32	32	32	28	28	32	32	23	23	32	32
Positive	33	0	32	0	32	32	28	0	32	0	23	0	32	0
Negative	0	33	0	32	0	0	0	28	0	32	0	23	0	32
NT	2	2	2	2	3	3	2	2	4	4	2	2	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%	0.0%
% 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%	100.0%

Lab No.	Consensus		Positive		Negative		Positive		Positive		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					
2	Positive	Negative																	
20	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
26	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
29	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Negative	Positive	Negative			
35	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
75	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
120	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
128	Positive	Negative	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Negative	Positive	Negative			
130	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
147	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Negative	Positive	Negative			
158	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Negative	Positive	Negative			
163	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
164	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
180	Positive	Negative	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Negative	Positive	Negative			
199	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
204	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
206	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
227	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
276	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
379	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
380	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
381	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Negative			Some HPA-6 were not amplified.
382	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
383	Positive	Negative	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Negative	Positive	Negative			
384	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
386	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
387	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
388	Positive	Negative	Positive	Negative	Positive	Positive	NT	NT	Positive	Negative	Positive	Negative	NT	NT	Positive	Negative			
389	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
390	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
391	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
394	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
395	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative			
397	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Negative	Positive	Negative			
400	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			

**UK NEQAS FOR H&I SCHEME 10 – HPA GENOTYPING**

SAMPLE 1004/2018  
DISPATCHED ON 13TH MARCH 2018

Total tested	33	33	32	32	32	32	28	28	32	32	24	24	32	32
Positive	33	0	32	0	32	0	28	0	32	0	24	0	32	0
Negative	0	33	0	32	0	32	0	28	0	32	0	24	0	32
NT	2	2	2	2	3	3	2	2	3	3	2	2	0	0
% Positive	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%
% Negative	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%

Lab No.	Consensus		Positive		Negative		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	Negative																	
20	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
26	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
29	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
35	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
75	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
120	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
128	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
130	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
147	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
158	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
163	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
164	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
180	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
199	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
204	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
206	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
227	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
276	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
379	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
380	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
381	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
382	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
383	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
384	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
386	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
387	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
388	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Negative	NT	NT	Positive	Negative	Positive	Negative	Positive	Negative	
389	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
390	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
391	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
394	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
395	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
397	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
400	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	

**UK NEQAS FOR H&I SCHEME 10 – HPA GENOTYPING**

SAMPLE 1005/2018  
DISPATCHED ON 13TH MARCH 2018

Total tested	32	32	31	31	31	31	27	27	31	31	23	23	31	31
Positive	32	32	31	0	31	31	27	0	31	0	23	0	31	31
Negative	0	0	0	31	0	0	0	27	0	31	0	23	0	0
NT	3	3	3	3	4	4	3	3	4	4	3	3	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%	100.0%
% 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%	0.0%

Lab No.	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			
2	Positive	Positive															
20	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
26	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
29	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Positive			
35	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
75	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
120	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
128	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Positive			
130	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
147	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Positive			
158	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Positive			
163	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Sample 10 05/2018 not tested
164	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
180	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Positive			
199	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
204	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
206	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
227	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
276	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
379	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
380	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
381	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
382	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
383	Positive	Positive	Positive	Negative	Positive	Positive			Positive	Negative			Positive	Positive			
384	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
386	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
387	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
388	Positive	Positive	Positive	Negative	Positive	Positive	NT	NT	Positive	Negative	NT	NT	Positive	Positive			
389	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
390	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
391	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
394	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
395	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive			
397	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative			Positive	Positive			
400	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	