

UK NEQAS FOR H&I PILOT SCHEME – HPA GENOTYPING

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

SAMPLES 1001 - 05/2017
DISPATCHED ON 21ST MARCH 2017

Lab No.	Date received	Date tested	Method used	Source of Primers and Probes			Kit manufacturer	Detection method	Comments
				Commercial Kits	Own Design	Other			
20	22-Mar	23-Mar	PCR-SSP		Yes			Gel	
25	23-Mar	30-Mar	PCR-SSP	Yes				Fluorescence	
26	22-Mar	28-Mar	SBT	Yes				Fluorescence	
35	22-Mar	31-Mar	PCR-SSP, RT-PCR	Yes	Yes		Innotrain	Gel	
75	22-Mar	30-Mar		Yes			Griffols- ID-HPA-XT	Fluorescence	
120	22-Mar	28-Mar	PCR-SSP	Yes			Mediane-Protrans	Gel	
147	22-Mar	23-Mar	PCR-SSP	Yes			Innotrain	Gel	
180	23-Mar	27-Mar							
185	22-Mar	23-Mar	PCR-SSP	Yes			Protrans	Gel	
199	24-Mar	27-Mar							
206	NT	NT	NT	NT	NT	NT	NT	NT	No kit available in the lab for EQC
227	22-Mar	03-Apr							
267	22-Mar	10-Apr	PCR-SSP	Yes			Immucor	Gel	
276	22-Mar	29-Mar	PCR-SSP		Yes			Fluorescence	
284	22-Mar	31-Mar	PCR-SSP	Yes			Innotrain, Bedia Genomics	Gel	

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SAMPLE 1001/2017
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Consensus	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

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	
20	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
25	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
26	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
35	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
75	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
120	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
147	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	NT	NT	Pos	Pos	
180	Pos	Neg	Pos	Neg	Pos	Pos	NT	NT	Pos	Neg	NT	NT	Pos	Pos	
185	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
199	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
206	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
227	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
267	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
276	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
284	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	NT	NT	Pos	Pos	

UK NEQAS FOR H&I PILOT SCHEME – HPA GENOTYPING

SAMPLE 1002/2017
DISPATCHED ON 21ST MARCH 2017

Consensus	Pos 92.9%	Pos 92.9%	Pos 100%	Neg 100%	Pos 100%	Pos 100%	Pos 100%	Neg 100%	Pos 100%	Neg 100%	Pos 100%	Neg 100%	Pos 100%	Pos 100%
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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	
20	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
25	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
26	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
35	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
75	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
120	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
147	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	NT	NT	Pos	Pos	
180	Pos	Pos	Pos	Neg	Pos	Pos	NT	NT	Pos	Neg	NT	NT	Pos	Pos	
185	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
199	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
206	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
227	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
267	Neg	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
276	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
284	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	NT	NT	Pos	Pos	

UK NEQAS FOR H&I PILOT SCHEME – HPA GENOTYPING

SAMPLE 1003/2017
DISPATCHED ON 21ST MARCH 2017

Consensus	Pos 100%	Pos 92.9%	Pos 100%	Neg 100%	Pos 100%	Pos 92.9%	Pos 100%	Neg 100%	Pos 100%	Pos 100%	Pos 100%	Neg 100%	Neg 100%	Pos 100%
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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	
20	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
25	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
26	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
35	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
75	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
120	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
147	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Pos	NT	NT	Neg	Pos	
180	Pos	Pos	Pos	Neg	Pos	Pos	NT	NT	Pos	Pos	NT	NT	Neg	Pos	
185	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
199	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
206	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
227	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
267	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
276	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
284	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Pos	NT	NT	Neg	Pos	

UK NEQAS FOR H&I PILOT SCHEME – HPA GENOTYPING

SAMPLE 1004/2017
DISPATCHED ON 21ST MARCH 2017

Consensus	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos
	100%	100%	100%	100%	92.9%	92.9%	100%	100%	100%	100%	100%	100%	100%	100%

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	
20	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
25	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
26	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
35	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
75	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
120	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
147	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	NT	NT	Neg	Pos	
180	Pos	Neg	Pos	Neg	Neg	Pos	NT	NT	Pos	Pos	NT	NT	Neg	Pos	
185	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
199	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
206	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
227	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
267	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
276	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Neg	Pos	
284	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Pos	NT	NT	Neg	Pos	

UK NEQAS FOR H&I PILOT SCHEME – HPA GENOTYPING

SAMPLE 1005/2017
DISPATCHED ON 21ST MARCH 2017

Consensus	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Neg	Pos
	100%	100%	100%	100%	100%	100%	100%	100%	100%	92.9%	100%	100%	100%	100%

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	
20	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Neg	Pos	
25	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Neg	Pos	
26	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Neg	Pos	
35	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Neg	Pos	
75	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Neg	Pos	
120	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Neg	Pos	
147	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	NT	NT	Neg	Pos	
180	Pos	Neg	Pos	Neg	Pos	Neg	NT	NT	Pos	Neg	NT	NT	Neg	Pos	
185	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Neg	Pos	
199	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Neg	Pos	
206	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
227	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Neg	Pos	
267	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Neg	Pos	
276	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Neg	Pos	
284	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	NT	NT	Neg	Pos	