

UK NEQAS FOR H&I PILOT SCHEME – HPA GENOTYPING

METHODOLOGY

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

SAMPLES 4A1 06 - 10/2016

DISPATCHED ON 14TH JUNE 2016

Lab No.	Date received	Date tested	Method used	Source of Primers and Probes			Kit manufacturer	Detection method	Comments
				Commercial Kits	Own Design	Other			
20	15-Jun	17-Jun	SSP		Yes			Gel	
25	NT	NT	NT	NT	NT	NT	NT	NT	
26	15-Jun	15-Jun	SBT		Yes			Fluorescence	
75	15-Jun	20-Jun		Yes			Progenika ID-HPA XT	Fluorescence	
120	15-Jun	22-Jun	SSP/SBT	Yes	Yes		Protrans (SSP), In house (SBT)	Gel (SSP) / fluorescence (SBT)	
147	15-Jun	15-Jun	SSP	Yes			Innotrain	Gel	
158	17-Jun	08-Jul	SSP	Yes			Innotrain	Gel	
164	21-Jun	05-Jul	SSP	Yes			Protrans	Gel	
169									
194	15-Jun	17-Jun	SSP	Yes			Innotrain	Fluorescence	
199	16-Jun	01-Jul	SSP		Yes			Gel	
227	15-Jun	11-Jul	SSP	Yes			Protrans	Gel	
263	22-Jun	24-Jun	SSO, SSP		Yes			Fluorescence	
276	15-Jun	21-Jun	SSP		Yes			Gel	

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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	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
26	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	
75	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	
120	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	
147	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	NT	NT	Positive	Negative	
158	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	
164	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	
169	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	
194	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	
199	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	NT	NT	Positive	Negative	
227	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	
263	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	
276	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	

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SAMPLE 4A1 07/2016 NOT ASSESSED
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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	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
26	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
75	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
120	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
147	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Negative	
158	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
164	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
169	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
194	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
199	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Negative	
227	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
263	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
276	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	

UK NEQAS FOR H&I PILOT SCHEME – HPA GENOTYPING

SAMPLE 4A1 08/2016 NOT ASSESSED
DISPATCHED ON 14TH JUNE 2016

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	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
26	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	
120	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	NT	NT	Positive	Negative	
158	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
164	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
169	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
194	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	NT	NT	Positive	Negative	
227	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
263	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	

UK NEQAS FOR H&I PILOT SCHEME – HPA GENOTYPING

SAMPLE 4A1 09/2016 NOT ASSESSED
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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	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
26	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
75	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
120	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
147	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Negative	NT	NT	Negative	Positive	
158	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
164	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
169															
194	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
199	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Negative	NT	NT	Negative	Positive	
227	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
263	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
276	Positive	Negative	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	

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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	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
26	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
75	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
120	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
147	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	NT	NT	Negative	Positive	
158	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
164	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
169	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
194	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
199	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	NT	NT	Negative	Positive	
227	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
263	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
276	Positive	Negative	Positive	Negative	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	

