

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

METHODOLOGY

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

SAMPLES 4A1 06 - 10/2015

DISPATCHED ON 02ND JUNE 2015

Lab No.	Date received	Date tested	Method used	Source of Primers and Probes			Kit manufacturer	Detection method	Comments
				Commercial Kits	Own Design	Other			
16	03-Jun	24-Jun	SSP	Yes			Innotrain	Gel	
25	05-Jun	17-Jun	SSP	Yes				Fluorescence	
35	04-Jun	25-Jun	SSP/Taqman	Yes	Yes		Innotrain	Gel/fluorescence	
120	06-Jun	12-Jun	SSP/GBT	Yes	Yes		Protrans (SSP), In house (GBT)	Gel (SSP) / fluorescence (GBT)	
127	03-Jun	08-Jun	SSP	Yes				Gel	
128	03-Jun	15-Jun	Real time PCR		Yes			Fluorescence	
147	08-Jun	08-Jun	SSP	Yes			Innotrain	Gel	
158		09-Jun	SSP	Yes			Innotrain	Gel	
164	08-Jun		SSP	Yes			Protrans	Gel	
194	08-Jun	09-Jun	SSP, Real Time	Yes			Innotrain	Fluorescence	
199	05-Jun	08-Jun	SSP	Yes	Yes		Innotrain	Gel	
227	08-Jun	11-Jun	SSP	Yes			Protrans	Gel	
263	10-Jun	06-Aug	SSO, SSP		Yes			Fluorescence	
276	08-Jun	25-Jun	SSP		Yes			Fluorescence	

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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	
16	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	NT	NT	Negative	Positive	
25	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
35	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	NT	NT	Negative	Positive	
120	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
127	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
128	Positive	Negative	Positive	Negative	Positive	Positive	NT	NT	Positive	Negative	NT	NT	Negative	Positive	
147	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	NT	NT	Negative	Positive	
158	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	9aa
164	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
194	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
199	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	NT	NT	Negative	Positive	
227	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
263	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	
276	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Negative	Positive	

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

**SAMPLE 4A1 07/2015 NOT ASSESSED**

DISPATCHED ON 02ND JUNE 2015

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	
16	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive	
25	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
35	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive	
120	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
127	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
128	Positive	Positive	Positive	Positive	Negative	Positive	NT	NT	Positive	Negative	NT	NT	Positive	Positive	
147	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive	
158	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	9aa
164	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
194	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
199	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive	
227	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
263	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
276	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	

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

**SAMPLE 4A1 08/2015 NOT ASSESSED**

DISPATCHED ON 02ND JUNE 2015

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	
16	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive	
25	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
35	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive	
120	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
127	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	<b>Positive</b>	Positive	Positive	
128	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Negative	NT	NT	Positive	Positive	
147	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive	
158	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	9aa
164	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	<b>Negative</b>	
194	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
199	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive	
227	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
263	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
276	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	

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

**SAMPLE 4A1 09/2015 NOT ASSESSED**

DISPATCHED ON 02ND JUNE 2015

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	
16	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive	
25	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
35	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive	
120	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
127	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	<b>Positive</b>	Positive	Positive	
128	Positive	Negative	Positive	Negative	Positive	Positive	NT	NT	Positive	Negative	NT	NT	Positive	Positive	
147	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive	
158	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	9ab
164	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	<b>Negative</b>	
194	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
199	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	NT	NT	Positive	Positive	
227	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
263	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Positive	
276	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	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	
16	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Negative	
25	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
35	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	NT	NT	Positive	Negative	
120	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	
127	Positive	Negative	Positive	Positive	Positive	Negative	Positive	Negative	Positive	Negative	Positive	<b>Positive</b>	Positive	Negative	
128	Positive	Negative	Positive	Positive	Positive	Negative	NT	NT	Positive	Negative	NT	NT	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	9aa
164	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	

