

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

METHODOLOGY

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

SAMPLES 4A1 01 - 05/2016

DISPATCHED ON 09TH FEBRUARY 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	10-Feb	15-Feb	SSP		Yes			Gel	
26	10-Feb	07-Mar	SBT		Yes			Fluorescence	
75	10-Feb	17-Feb	ID-HPA XT-Grifols	Yes			Grifols	Luminex based bead analysis	
120	10-Feb	17-Feb	SSP/SBT	Yes	Yes		Protrans (SSP), In house (SBT)	Gel (SSP) / fluorescence (SBT)	
147	10-Feb	10-Feb	SSP	Yes			Innotrain	Gel	
158	12-Feb	23-Feb	SSP	Yes			Innotrain	Gel	
164	15-Feb	23-Feb	SSP	Yes			Protrans	Gel	
194	10-Feb	11-Feb	SSP	Yes			Innotrain	Fluorescence	
199	12-Feb	24-Feb	SSP		Yes			Gel	
227	16-Feb	23-Feb	SSP	Yes			Protrans	Gel	
263	10-Feb	23-Feb	SSO, SSP		Yes			Fluorescence	
276	10-Feb	12-Feb	SSP		Yes			Gel	

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20	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
26	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	HPA-9a9a
75	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
120	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
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164	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
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199	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	NT	NT	Pos	Pos	
227	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
263	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
276	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	

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26	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	HPA-9a9a
75	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
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227	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
263	Pos	Pos	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	

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26	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	HPA-9a9a
75	Pos	Pos	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
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26	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	HPA-9a9a
75	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	
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26	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	HPA-9a9a
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20	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	HPA-9a9a
26	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
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276	Pos	Neg	Pos	Neg	Neg	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	

**SAMPLE 4A1 02/2016**

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	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	HPA-9a9a
26	Pos	Pos	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	
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263	Pos	Pos	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	

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20	Pos	Neg	Pos	Neg	Pos	Pos	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Pos	HPA-9a9a
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