

UK NEQAS FOR H&I SCHEME 9 – KIR GENOTYPING

METHODOLOGY

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

SAMPLES 906 - 910/2017

DISPATCHED ON 05th September 2017

Lab No.	Date received	Date tested	Method used	Source of Primers and Probes			Kit manufacturer	Detection method	Comments
				Commercial Kits	Own Design	Other			
26	06-Sep	25-Sep	PCR-SSO	Yes			One Lambda	Fluorescence	
38	06-Sep	07-Sep	PCR-SSO	Yes			One Lambda	Fluorescence	
48	07-Sep	09-Sep	PCR-SSP				Olerup	Gel	
133	08-Sep	12-Sep	PCR-SSP	Yes			Olerup	Gel	
164	13-Sep	13-Sep	PCR-SSP	Yes			Olerup	Gel	
220	12-Sep	19-Sep	PCR-SSP	Yes			One Lambda	Gel	
276	06-Sep	14-Sep	PCR-SSP	Yes			Olerup	Fluorescence	
346	13-Sep	18-Sep	PCR-SSP	Yes			Olerup	Gel	

UK NEQAS FOR H&I SCHEME 9 – KIR GENOTYPING

SAMPLE 906/2017
DISPATCHED ON 05th September 2017

Consensus	Pos 100%	Neg 100%	Pos 100%	Pos 100%	Neg 100%	Pos 100%	Pos 100%	Pos 100%	Neg 100%	Neg 100%	Neg 100%	Neg 100%	Pos 100%	Neg 100%	Pos 100%	Pos 100%	Haplotype not assessed		
Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
26	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive			
38	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive	X		
48	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive	X		
133	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive	X		
164	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive			
220	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive			
276	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive	X		
346	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive	X		

UK NEQAS FOR H&I SCHEME 9 – KIR GENOTYPING

SAMPLE 907/2017
DISPATCHED ON 05th September 2017

Consensus	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Haplotype not assessed		
Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
26	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive			
38	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	X	X	
48	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	X	X	
133	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	X	X	
164	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive			
220	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive FUL	Positive	Positive	Positive DEL			
276	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	X	X	907/2017: Haplotype B or AB
346	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	X	X	

UK NEQAS FOR H&I SCHEME 9 – KIR GENOTYPING

SAMPLE 908/2017
DISPATCHED ON 05th September 2017

Consensus	Pos 100%	Neg 100%	Pos 100%	Pos 100%	Neg 100%	Pos 100%	Pos 100%	Pos 100%	Neg 100%	Neg 100%	Neg 100%	Neg 100%	Pos 100%	Neg 100%	Pos 100%	Pos 100%	Haplotype not assessed		
Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
26	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive			
38	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive	X		
48	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive	X		
133	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive	X		
164	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive			
220	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive			
276	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive	X		
346	Positive	Negative	Positive	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Negative	Negative	Positive	Negative	Positive	Positive	X		

UK NEQAS FOR H&I SCHEME 9 – KIR GENOTYPING

SAMPLE 909/2017
DISPATCHED ON 05th September 2017

Consensus	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Neg 100%	Pos 100%	Pos 100%	Pos 100%	Pos 100%	Haplotype not assessed		
Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
26	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Positive			
38	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Positive	X	X	
48	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Positive	X	X	
133	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Positive	X	X	
164	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Positive			
220	Positive	Positive	Positive	Positive	Positive A	Positive	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Positive			
276	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Positive	X	X	909/2017: Haplotype B or AB
346	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Positive	Negative	Positive	Positive	Positive	Positive	X	X	

UK NEQAS FOR H&I SCHEME 9 – KIR GENOTYPING

SAMPLE 910/2017

DISPATCHED ON 05th September 2017

Consensus	Neg 100%	Pos 100%	Neg 100%	Pos 100%	Neg 100%	Pos 100%	Pos 100%	Pos 100%	Neg 100%	Neg 100%	Pos 100%	Neg 100%	Pos 100%	Neg 100%	Neg 100%	Pos 100%	Haplotype not assessed		
Lab No.	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	Haplotype A	Haplotype B	Comment
26	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Positive	Negative	Positive	Negative	Negative	Positive			
38	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Positive	Negative	Positive	Negative	Negative	Positive	X	X	
48	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Positive	Negative	Positive	Negative	Negative	Positive	X	X	
133	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Positive	Negative	Positive	Negative	Negative	Positive			X
164	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Positive	Negative	Positive	Negative	Negative	Positive			
220	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Positive	Negative	Positive Ful	Negative	Negative	Positive			
276	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Positive	Negative	Positive	Negative	Negative	Positive			X
346	Negative	Positive	Negative	Positive	Negative	Positive	Positive	Positive	Negative	Negative	Positive	Negative	Positive	Negative	Negative	Positive	X	X	