APPLICATION NOTE

KONE PROGRESS

RHEUMATOID FACTOR SD (AUT-KIT)

(LATEX METHOD)

1. Reagent preparation

Sample: Ready for use
Calibration: RF Standard High,ready for use.
Buffer (R1): Ready for use
Latex (R2) : Ready for use

2. Instrument Setting

G E N E R A L	
Test short name	RF2
Test identification	RF2
Sample type	S
Result unit	IU/mL
Nr. of decimals in result	0
Photometric/Electrol. (P/E)	P
Automatic acceptance (Y/N)	Y
C H E C K L I M I T S	
Residual net abs. (bichrom)	0.000
Initial absorb. (min/max)	-0.100/2.000
Rate nonlinearity (%)	0
Rate nonlinearity (conc.)	0
Dilution limit (low/high)	*/*
Test limit (low/high)	*/*
Male reference (low/high)	0/50
Female reference (low/high)	
Child reference (low/high)	
T E S T F L O W / D I S P E N D I N G	
Sample with Water/Reag (W/R)	R
Sample with reagent number	1
Sample volume (µL)	5
Diluent volume (µL)	0
Primary dilution ratio 1+	9
Upper sec. dilution ratio 1+	29
Lower sec. dilution ratio 1+	
Sample/Std dil. POS. (0-22)	*
Washing liq for reag 1 (-1-22)	0
Wash volume (0-2500)	0
Reagent position (1-22)	*
Reagent volume (µL)	100
Diluent volume (µL)	0
Mixing between cells (Y/N)	Y
Normal/sol syr. Speed (N/S)	N
Incubation time (s)	60
Washing liq for reag 2 (-1-22)	0
Wash volume (0-2500)	0
Reagent position (1-22)	*
Reagent volume (µL)	7
Diluent volume (µL)	0
Mixing between cells (Y/N)	Y
Normal/sol syr. Speed (N/S)	N
Incubation time (s)	400

C A L I B R A T I O N		
Lin (1), Bias (2), Nonlin (3)		3
Single/Duplicate std (S/D)		S
Calib. repeat time (minutes)		0
Nr. of inflexion points		0
Linear conc. Axis (Y/N)		Y
Absolute error (mA)		5
Relative error (%)		5
Window 1 (min/max)		0.00/2.00
Window 2 (min/max)		0.00/2.00
Automatic acceptance (Y/N)		N
Bias correction (Y/N)		N
Series of standards (Y/N)		Y
Predilution 1+		9
Name of standard		RF STD
Concentration		*
Dilution 1.standard	1 +	79
Dilution 2.standard	1+	39
Dilution 3.standard	1 +	19
Dilution 4.standard	1 +	9
T E S T F L O W / M E A S U R E M E N T		
Main wavelength		600
Side wavelength		700
Side wavelength weight		1.00
EP (1), 2-point (2), Kin. (3)		1
Measurement time (s)		0
With synch. (Y/N)		Y
Blank with water cuvette (Y/N)		N
Blank after R1 (Y/N)		Y
EP/KIN blank measurem. (E/K)		E
Q U A L I T Y C O N T R O L		

* Entered by operator

3. Ordering information

RF2/AUT-000 Latex, 1 x 10 mL
Buffer, 5 x 25 mL
RHF/STH-001 RF Standard High, 1 mL
RHF/CON-001 RF Control, 1 mL