

# APPLICATION NOTE ARCHITECT RHEUMATOID FACTOR N-DIL (AUT-KIT) LATEX METHOD

## 1. Reagent preparation

Sample: Ready for use  
 Buffer R1: Ready for use  
 Latex R2: Ready for use  
 Standard: Dilute RF standard high successively 1:2 in saline 9 g/L. Use saline 9 g/L as zero point.

## 2. Instrument settings

GENERAL PARAMETERS					
Name	RF2	Assay type	Photometric		
Assay number		Assay availability	Enabled		
Assay version		Cal version			
REACTION DEFINITION					
Reaction mode	End up	Main read time	31 – 33		
Primary wavelength	600	Flex read time			
Secondary wavelength	804	Color correction read time	0 – 0		
Last read required	33	Blank read time	14 – 16		
Absorbance range	0.000 – 2.500				
Sample blank type	Self				
Blank assay					
REAGENT/SAMPLE					
Reagent	RF2				
R1 reagent volume	225	R2 reagent volume	20		
R1 water volume	0	R2 water volume	0		
R1 dispense mode	Type 0	R2 dispense mode	Type 0		
Diluent name	Saline	Diluent dispense mode	Type 0		
Diluent name	Sample volume	Diluted S. Vol.	Diluent volume	Water volume	Dilution factor
STANDARD	2.0	0	0	0	
DIL1	20.0	10.0	180	0	
VALIDITY CHECKS					
Reaction check type	None				
Read time A range		Read time B range			
Calculation limit		Minimum absorbance			
		Rate linearity %			
Maximum abs. variation	0.000				
CALIBRATION PARAMETERS					
Calibration method	Spline				
Use cal factor from		Factor			
Full interval hours	672	Adjustment interval hours			
Expected cal factor	0	Adjustment level			
Expected cal factor tol. %	0	Default ordering type	Full		
		Blank absorbance rate	0.00 – 0.00		
Span		Span absorbance rate	0 – 0		
Maximum curve fit	0				
Calibrator set name		Replicates	1		
Cal level	Concentration	Sample volume	Diluted S. vol.	Diluent volume	Water volume
Blank	0	2	0	0	0
Std 1	*	2	0	0	0
Std 2	*	2	0	0	0
Std 3	*	2	0	0	0
Std 4	*	2	0	0	0
Std 5	*	2	0	0	0
SMART WASH					
Component	Reagent/Assay	Wash	Volume	Replicates	Wash protocol
Reagent probe (R1)	All	Water	345	1	
Reagent probe (R2)	All	Water	345	1	
RESULT PARAMETERS					
Linearity range					
Flag range specifications					
RESULT UNITS					
Result concentration units	IU/mL	Correlation factor	1.00		
Result decimal places	1	Intercept	0.00		

\* standard value, see insert

## 3. Ordering information

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