

APPLICATION NOTE
SYNCHRON CX 4/5/7
RHEUMATOID FACTOR SD (AUT-KIT)
(LATEX METHOD)

1. Reagent Preparation

Sample: Dilute 1:10 in NaCl 9g/L
 Reagent 1: Buffer, ready for use.
 Reagent 2: Latex, ready for use.
 Calibrator: Dilute the RF standard high 1:10, 1:20, 1:40, 1:80 with saline 9 g/L to set up a calibration curve. Use saline 9 g/L as zero point.

2. User Defined Chemistries

USER ID #	:				
Chemistry Name	:	RF2			
Test Name	:	RF2			
Reaction Type	:	Endpoint 2	Calculation Factor	:	0
Reaction Direction	:	Positive	Math. Model	:	Math Model 1
Units	:	IU/mL	Cal. Time Limit	:	336 hrs
Decimal Precesion	:	X	No. of Calibrators	:	6
Primary Wavelength	:	592	Secondary Wavelength	:	700

Sample Volume	:	12	Calibrators					
Primary inject Rgt	:		# 1	:	0.0	1 - 2	:	0.000
A	:	200	# 2	:	*	2 - 3	:	0.000
None	:		# 3	:	*	3 - 4	:	0.000
Secondary inject Rgt.	:		# 4	:	*	4 - 5	:	0.000
B	:	16	# 5	:	*	5 - 6	:	0.000
Add Time	:	420						

REAGENT BLANK		REACTION	
Start Read	:	380	Start Read : 680
End Read	:	400	End Read : 720
Low ABS Limit	:	- 1.5	Low ABS Limit : - 1.5
High AS Limit	:	+ 1.5	High ABS Limit : + 1.5

USABLE RANGE		SUBSTRATE DEPLETION	
Lower Limit	:	0	Initiate Rate : 99.9990
Upper Limit	:	400	Delta ABS : 1.5

RECOVERY / SENSITIVITY		
Std. Dev. (Conc.)	:	0.000
CV (%)	:	0.000
Std. Dev. (mA)	:	0.000
Threshold	:	9999.99

* Standard Value

User defined

3. Order 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