

RHEUMATOID FACTORS

Turbidimetry
LATEX

The application parameters comprised here constitute a guide to facilitate the validation of our reagents by the instrument. It is advisable to validate the use when there is any change in software or reagent versions.

Instrument: SPECTRUM CCX

Reagent preparation

Reagent 1: Use the Diluent.

Reagent 2: Use the Latex.

Instrument settings

TEST DEFINITION										
ENTRY NAME	RF			SAMPLE (μL) NORMAL				3.75		
REPORT NAME	RHEUMATOID FACTOR			LOW						
RATIO REF.	RF			HIGH						
TEST NUMBER	***			UNITS PRIM				UI/mL		
TEST TYPE	AUX			SEC. UNIT FACTOR						
MATH	1 PT CAL FACTOR END PT			PRINT DIGITS				0		
REACTION DIRECTION	UP			INST MUL 1.000	INT 0.000					
REAGENTS	2			NORMAL (C)				0.0 TO 30.0		
TEMPERATURE	37			SAMPLE DISP. DELAY (sec.)				0		
TEST BLANK TYPE	REAGENT BLANK									
LINEAR MODEL CALIBRATION DEFINITION										
TEST NAME	RF			TEST TYPE				AUX		
CAL MODE	CAL ON CMD			MATH MODEL				LIN REG END PT		
INTCPT TOL (C)	-1000.00 TO 1000.00			CAL INTERVAL (hr.)				720		
% TOL OF CAL FACTOR	15			REF CAL FACTOR				***		
CAL LEVEL	0			% TOL OF CAL				10		
CALIBRATOR	LEVEL (C)			REPLICATES						
WATER	0.00									
RF1	***									
TEST PARAMETER FILE: REAGENT DEFINITION										
REAGENT NAME	REAGENT NUMBER			1 FOR TEST RF						
REAGENT VOL (μL) NORM	RF BUFFER			LINEARITY [C]				2.00 TO 120		
LOW	240			INITIAL Ad				0.01		
HIGH	0.000			ABS LIMIT (Ad)				2.40		
FIRST READ TIME (sec)	240			REAGENT BLANK						
LAST READ TIME (sec)	0			BEFORE WASH CYCLES				18		
NUMBER OF READS	0			AFTER WASH CYCLES				18		
READ INTERVAL (sec)	1			MIX TIME (sec)				1:00		
AUX REAG DISP (sec)	60			COOLING				YES		
RSM	0			CONSTANT INTERCEPT				0.00		
PRIM	SEC	USE IN	CONST	E.F.	LOW	HIGH				
660	/	MA	A	1.00	0.00	0.00				
TEST PARAMETER FILE: REAGENT DEFINITION										
REAGENT NAME	REAGENT NUMBER			1 FOR TEST RF						
REAGENT VOL (μL) NORM	RF LATEX			LINEARITY [C]				2.00 TO 120		
LOW	60			INITIAL Ad				0.1		
HIGH	0.000			ABS LIMIT (Ad)				3.00		
FIRST READ TIME (sec)	60			REAGENT BLANK						
LAST READ TIME (sec)	180			BEFORE WASH CYCLES				18		
NUMBER OF READS	180			AFTER WASH CYCLES				18		
READ INTERVAL (sec)	1			MIX TIME (sec)				1:00		
AUX REAG DISP (sec)	60			COOLING				YES		
RSM	0			CONSTANT INTERCEPT				0.00		
PRIM	SEC	USE IN	CONST	E.F.	LOW	HIGH				
660	/	MA	A	1.00	0.00	0.00				