

C-REACTIVE PROTEIN (CRP)

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

Working Reagent: Pour the contents of a Latex vial into a Diluent bottle. Mix thoroughly.
Stable for 20 days at 2-8°C.

Instrument settings

TEST DEFINITION							
ENTRY NAME	CRP	SAMPLE (µL)	NORMAL	2.5			
REPORT NAME	C REACTIVE PROTEIN		LOW				
RATIO REF.	CRP		HIGH	1.25			
TEST NUMBER	***	UNITS PRIM		mg/L			
TEST TYPE	CALIBRATED	SEC. UNIT FACTOR					
MATH	1 PT CAL FACTOR END PT	PRINT DIGITS		0			
REACTION DIRECTION	UP	INST MUL	1.000	INT	0.000		
REAGENTS	1	NORMAL (C)			0.0 TO 6.0		
TEMPERATURE	37	SAMPLE DISP. DELAY (sec.)			0		
TEST BLANK TYPE	REAGENT BLANK						
LINEAR MODEL CALIBRATION DEFINITION							
TEST NAME	CRP	TEST TYPE		CALIBRATED			
COMB. TEST		MATH MODEL		LIN REG END PT			
CAL MODE	CAL ON CMD	CAL INTERVAL (hr.)		720			
INTCPT TOL (C)	-1000.00 TO 1000.00	REF CAL FACTOR		***			
% TOL OF CAL FACTOR	15	% TOL OF CAL		10			
CAL LEVEL	0	REPLICATES					
CALIBRATOR	LEVEL (C)						
WATER	0.000	1					
MCC1	***	1					
MCC2	***	1					
MCC3	***	1					
TEST PARAMETER FILE: REAGENT DEFINITION							
REAGENT NAME	CRP	REAGENT NUMBER	1 FOR TEST CRP	LINEARITY [C]	1.000 TO 150.0		
REAGENT VOL (µL) NORM	250			INITIAL Ad	0.300		
LOW	0.000			ABS LIMIT (Ad)	1.16		
HIGH	250			REAGENT BLANK			
FIRST READ TIME (sec)	120			BEFORE WASH CYCLES	18		
LAST READ TIME (sec)	240			AFTER WASH CYCLES	18		
NUMBER OF READS	1			MIX TIME (sec)	1:00		
READ INTERVAL (sec)	60			COOLING	***		
AUX REAG DISP (sec)	0			CONSTANT INTERCEPT	0.000		
RSM	0			SPECTRAL CORRECTION	0.000		
PRIM	SEC	USE IN	CONST	E.F.	LOW	HIGH	
548	/ 660	A	1.00	0.00	0.00	0.00	