ANTI-STREPTOLYSIN O (ASO)

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 2-8ºC.

Instrument settings

TEST DEFINITION			
ENTRY NAME	ASO	SAMPLE (µL) NORMAL	5
REPORT NAME	ANTI-STREPTOLYSIN O	LOW	
RATIO REF.	ASO	HIGH	2.5
TEST NUMBER	***	UNITS PRIM	UI/mL
TEST TYPE	CALIBRATED	SEC. UNIT FACTOR	
MATH	1 PT CAL FACTOR END PT	PRINT DIGITS	0
REACTION DIRECTION	UP		
REAGENTS	1	INST MUL 1.000 INT 0.000	
TEMPERATURE	37	NORMAL (C)	0.0 TO 200
TEST BLANK TYPE	REAGENT BLANK	SAMPLE DISP. DELAY (sec.)	0

LINEAR MODEL CALIBRATION DEFINITION			
TEST NAME	ASO	TEST TYPÈ	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		
CALIBRATOR	LEVEL (C)	REPLICATES	
WATER	0.000	1	
MCC1	***	1	
MCC2	***	1	
MCC3	***	1	

TEST PARAMETER FILE: REAGENT DEFINITION			
	REAGENT NUMBER	1 FOR TEST ASO	
REAGENT NAME	ASO	LINEARITY [C]	3.000 TO 800.0
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