

# CHOLESTEROL

Enzymatic-spectrophotometric  
CHOLESTEROL OXIDASE/PEROXIDASE

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 is ready to be used.

### Instrument settings

TEST DEFINITION							
ENTRY NAME	CHOL	SAMPLE (μL)	NORMAL	2.50			
REPORT NAME	CHOLESTEROL		LOW	0.0			
RATIO REF.	CHOL		HIGH	1.25			
TEST NUMBER	***	UNITS PRIM		mg/dL			
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)		130 TO 200			
TEMPERATURE	37	SAMPLE DISP. DELAY (sec.)		0			
TEST BLANK TYPE	REAGENT BLANK						
LINEAR MODEL CALIBRATION DEFINITION							
TEST NAME	CHOL	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	10	% TOL OF CAL		10			
CAL LEVEL	0	REPLICATES					
CALIBRATOR	LEVEL (C)	1					
WATER	0.000	1					
MCC1	***	1					
MCC2	***	1					
MCC3	***	1					
TEST PARAMETER FILE: REAGENT DEFINITION							
REAGENT NAME	CHOL	REAGENT NUMBER	1 FOR TEST CHOLESTEROL	LINEARITY [C]	1.000 TO 1000		
REAGENT VOL (μL) NORM	236			INITIAL Ad	0.3		
LOW	0.00			ABS LIMIT (Ad)	2.50		
HIGH	236			REAGENT BLANK			
FIRST READ TIME (sec)	240			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	YES		
AUX REAG DISP (sec)	0			CONSTANT INTERCEPT	0.000		
RSM	0			SPECTRAL CORRECTION			
PRIM	SEC	USE IN	CONST	E.F.	LOW	HIGH	
500	/ 604	A	1.00	0.00	0.00	0.00	