

# CHOLINESTERASE

Continuous-spectrophotometric  
BUTYRYLTHIOCHOLINE

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 the Reagent B into the Reagent A bottle. Mix gently.  
Stable for 3 days at 2-8°C.

### Instrument settings

TEST DEFINITION							
ENTRY NAME	CHE		SAMPLE (μL)	NORMAL	5.0		
REPORT NAME	CHOLINESTERASE			LOW			
RATIO REF.	CHE			HIGH			
TEST NUMBER	***		UNITS PRIM		U/L		
TEST TYPE	CALIBRATED		SEC. UNIT FACTOR				
MATH	LIN REG RATE KIN BL		PRINT DIGITS		1		
REACTION DIRECTION	DOWN						
REAGENTS	1		INST MUL	1.000	INT	0.000	
TEMPERATURE	37		NORMAL (C)		3930 TO 11500		
TEST BLANK TYPE	SERUM BLANK		SAMPLE DISP. DELAY (sec.)		0		
LINEAR MODEL CALIBRATION DEFINITION							
TEST NAME	CHE		TEST TYPE		CALIBRATED		
COMB. TEST			MATH MODEL		LIN REG RATE KIN BL		
TOLERANCE RANGE (ABS/MIN)	-10000.00 TO 1000.00		CAL INTERVAL (hr.)		720		
CALIBRATOR	LEVEL (C)		REPLICATES		1		
WATER	0.000						
TEST PARAMETER FILE: REAGENT DEFINITION							
REAGENT NAME	CHE		REAGENT NUMBER	1 FOR TEST CHE		LINEARITY [C]	
REAGENT VOL (μL) NORM	236					17.000 TO 25000	
LOW	0.000					INITIAL Ad	
HIGH	250					0.600	
FIRST READ TIME (sec)	180					ABS LIMIT (Ad)	
LAST READ TIME (sec)	360					2.40	
NUMBER OF READS	3					REAGENT BLANK	
READ INTERVAL (sec)	60					BEFORE WASH CYCLES	
AUX REAG DISP (sec)	0					18	
RSM	0					AFTER WASH CYCLES	
PRIM	SEC	USE IN	CONST	E.F.	LOW	HIGH	MIX TIME (sec)
412	/ 500	A	1.00	4.08	0.00	0.00	1:00
							COOLING
							***
							CONSTANT INTERCEPT
							0.000
							SPECTRAL CORRECTION
							0.000