

# CREATINE KINASE

Continuous-spectrophotometric  
IFCC

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: Empty the contents of a Reagent B bottle into a Reagent A bottle. Swirl gently.  
Stable for 15 days at 2-8 °C.

### Instrument settings

TEST DEFINITION							
ENTRY NAME	CK			SAMPLE (µL) NORMAL	10		
REPORT NAME	CREATINE KINASE			LOW			
RATIO REF.	CK			HIGH			
TEST NUMBER	***			UNITS PRIM	U/L		
TEST TYPE	CALIBRATED			SEC. UNIT FACTOR			
MATH	LIN REG RATE KIN BL			PRINT DIGITS	1		
REACTION DIRECTION	UP			INST MUL 1.000	INT 0.000		
REAGENTS	1			NORMAL ( C )	24 TO 195		
TEMPERATURE	37			SAMPLE DISP. DELAY (sec.)	0		
TEST BLANK TYPE	SERUM BLANK						
LINEAR MODEL CALIBRATION DEFINITION							
TEST NAME	CK			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			
WATER	0.000			1			
TEST PARAMETER FILE: REAGENT DEFINITION							
REAGENT NAME	REAGENT NUMBER			1 FOR TEST CK			
	CK			LINEARITY [C]	1.000 TO 900.0		
REAGENT VOL (µL) NORM	250			INITIAL Ad	0.600		
LOW	0.000			ABS LIMIT (Ad)	2.40		
HIGH	250			REAGENT BLANK			
FIRST READ TIME (sec)	180			BEFORE WASH CYCLES	18		
LAST READ TIME (sec)	360			AFTER WASH CYCLES	18		
NUMBER OF READS	3			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	
340	/ 380	A	1.00	4.08	0.00	0.00	