

# CREATININE

Kinetic-spectrophotometric  
ALKALINE PICRATE

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: Mix equal volumes of Reagent A and Reagent B. Mix thoroughly.  
Stable for 2 months at 2-8 °C.

### Instrument settings

		TEST DEFINITION	
ENTRY NAME	CREA	SAMPLE (μL) NORMAL	10.0
REPORT NAME	CREATININE	LOW	25.0
RATIO REF.	CREA	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 )	0.5 TO 1.1
TEMPERATURE	37	SAMPLE DISP. DELAY (sec.)	0
TEST BLANK TYPE	SERUM BLANK		
		LINEAR MODEL CALIBRATION DEFINITION	
TEST NAME	CREA	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	25	% TOL OF CAL	15
CAL LEVEL	0		
CALIBRATOR	LEVEL ( C )	REPLICATES	
WATER	0.000	1	
MCC1	***	1	
MCC2	***	1	
MCC3	***	1	
		TEST PARAMETER FILE: REAGENT DEFINITION	
REAGENT NAME	CREA	REAGENT NUMBER	1 FOR TEST CREATININE
REAGENT VOL (μL) NORM	236	LINEARITY [C]	0.30 TO 20.0
LOW	0.00	INITIAL Ad	0.4
HIGH	0.00	ABS LIMIT (Ad)	1.20
FIRST READ TIME (sec)	180	REAGENT BLANK	
LAST READ TIME (sec)	180	BEFORE WASH CYCLES	18
NUMBER OF READS	1	AFTER WASH CYCLES	18
READ INTERVAL (sec)	60	MIX TIME (sec)	1:00
AUX REAG DISP (sec)	0	COOLING	NO
RSM	0	CONSTANT INTERCEPT	0.00
PRIM SEC USE IN CONST E.F. LOW HIGH		SPECTRAL CORRECTION	0.00
516 / 604 A 1.00 0.00 0.00 0.00			