

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: **ILAB 600 (=SHIMADZU CL-8000 / TBA-60FR)**

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 NAME	CK
SAMPLE TYPE	Serum
UNITS. DECIMAL POINTS	U/L 0
CYCLE	Standard
TYPE/MEASURE POINTS	Rate 10 20
PHOTO.PRIM/SEC	1 340
WAVELENGTHS	
<i>SAMPLE VOLUME AND DILUTION</i>	
1 ST SAMPLE SAMPLE/DILUENT	15 / 0 / 0
2 ND SAMPLE SAMPLE/DILUENT	0 / 0 / 0
DILUENT CODE	Water
<i>REAGENT VOLUME</i>	
R1 CODE	*
REAGENT VOL/DIL. VOL/MIX	300 0 *
STABILITY	15 days
R2 CODE	
REAGENT VOL/DIL. VOL/MIX	
STABILITY	
<i>LIMITS AND EVALUATION</i>	
MEASURING RANGE	0 / 900
REACTION	Positive
ABSORBTION LIMIT	Upper 2500
SLOPE - OFF LIMITS	1.0 0.0
PROZONE JUDGE, LIMIT	Upper 40
<i>CALIBRATION</i>	
METHOD	1-Point
WDH/CUVE/STABILITY	3 Linear 15
CALIBRATOR/CONC	*
R-BLANK LIMIT	3500
ABW-CALIBRATOR	100
MIN SIGNAL	0
FACTOR	100
M-POINT CUVE FIT	40
R-BLANK	On

* Values Assigned by the operator