



CK measurements are used as an aid to monitor and diagnose **heart disease.**

METHOD: ENZYMATIC (NAC ACTIVATED); KINETIC

FEATURES:

FOR THE QUANTITATIVE MEASUREMENT OF CREATINE KINASE (CK)

Creatine Kinase-SL

The Sekisui CK-SL method employs a procedure which inhibits interference caused by adenylate kinase activity. It is intended for the quantitative measurement of creatine kinase activity in serum.

- ✓ Two part, stable liquid; ready to use reagent
- ✓ Wide linear range
- ✓ No significant interference displayed from samples with elevated levels of icterus or lipemia
- ✓ Applicable to multiple chemistry platforms

BENEFITS:

- ✓ Easy to use, no additional reagent preparation required
- ✓ Reduces repeat testing and the need for sample dilutions
- ✓ High reliability of testing
- ✓ Flexible laboratory testing

ORDERING INFORMATION

CONFIGURATION

CATALOG NUMBER

CREATINE KINASE-SL

R1 1 X 100 mL
R2 1 X 25 mL

326-10

DC-CAL CALIBRATOR

5 X 3 mL

SE-035

DC-TROL LEVEL 1

10 X 5 mL

SM-052

DC-TROL LEVEL 2

10 X 5 mL

SM-056



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PERFORMANCE CHARACTERISTICS

PRECISION	Within-Run: $\leq 0.4\%$ Total Precision: $\leq 2.5\%$
ACCURACY The performance of this method (y) was compared with the performance of a similar method (x) on a Roche/Hitachi® analyzer.	Slope: 1.02 Intercept: 1.3 U/L Correlation Coefficient: 0.9993
LINEARITY	2 - 1500 U/L
NO SIGNIFICANT INTERFERENCES UP TO LEVELS INDICATED	Hemoglobin: 200 mg/dL (31 $\mu\text{mol/L}$) Bilirubin: 40 mg/dL (684 $\mu\text{mol/L}$) Intralipid: 1000 mg/dL (3000 mg/dL (33.9 mmol/L) Simulated Triglycerides)
REFERENCE RANGE⁽¹⁾	Males : 38 - 174 U/L (37°C) Females : 26 - 140 U/L (37°C)

(1) Burtis, C.A., Ashwood, E.R., (Ed), *Tietz Textbook of Clinical Chemistry*, W.B. Saunders Co., Toronto, (1994).

NOTES:



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