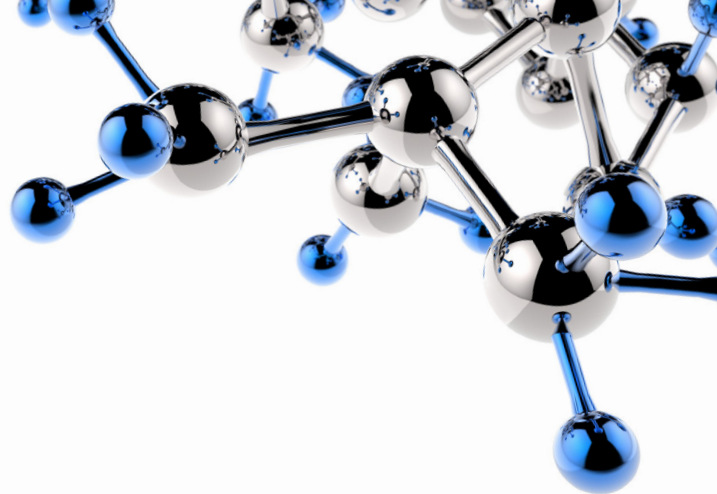


# CLINICAL CHEMISTRY



## Creatine Kinase-SL

FOR THE QUANTITATIVE MEASUREMENT OF CREATINE KINASE (CK)

METHOD: ENZYMATIC (NAC ACTIVATED); KINETIC

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

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.

### Features

- 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

### Performance Characteristics

#### Precision

- Within-Run:  $\leq 0.4\%$
- Total Precision:  $\leq 2.5\%$

#### Accuracy<sup>(a)</sup>

- 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<sup>(1)</sup>

- Males: 38-174 U/L (37°C)
- Females: 26-140 U/L (37°C)

(a) The performance of this method (y) was compared with the performance of a similar method (x) on a Roche/Hitachi® analyzer.

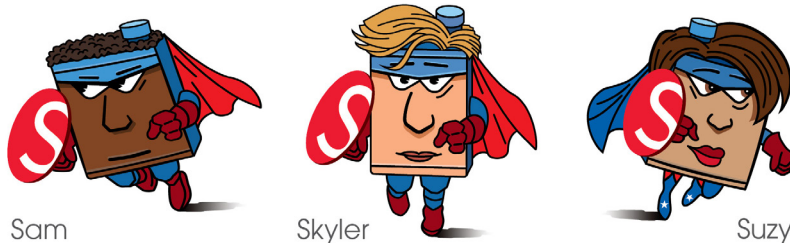
(1) Burtis, C.A., Ashwood, E.R., (Ed), Tietz Textbook of Clinical Chemistry, W.B. Saunders Co., Toronto, (1994).

# Creatine Kinase-SL

## Ordering Information

	Configuration	Catalog Number
CREATINE KINASE-SL	R1 1 x 100mL R2 1 x 25mL	326-10
DC-CAL CALIBRATOR	5 x 3mL	SE-035
DC-TROL LEVELS 1 & 2	Level 1 5 x 5mL Level 2 5 x 5mL	SM-057

To learn more about our clinical chemistry reagent products scan the QR code or go to [Clinical Chemistry Reagents – SEKISUI Diagnostics](#).



Securing accurate and reliable Clinical Chemistry results!



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