



CLINICAL CHEMISTRY

Glucose-SL

FOR THE QUANTITATIVE MEASUREMENT OF GLUCOSE

METHOD: ENZYMATIC (HEXOKINASE); ENDPOINT

Glucose measurements are used as an aid to monitor and diagnose diabetes, hypoglycemia and various adrenal and pituitary disorders.

SEKISUI'S Glucose-SL assay employs an enzymatic method using a hexokinase procedure as a reliable determinant for the quantitative measurement of glucose in serum.

Features	
<ul style="list-style-type: none">One part, stable liquid	<ul style="list-style-type: none">Applicable to multiple instrument platforms
Benefits	
<ul style="list-style-type: none">Easy to use, no additional reagent preparation required	<ul style="list-style-type: none">Flexible testing, well suited for use with fully automated procedures
Performance Characteristics	
<p>Precision</p> <ul style="list-style-type: none">Within-Run: $\leq 0.4\%$Total Precision: $\leq 1.3\%$ <p>Accuracy^(a)</p> <ul style="list-style-type: none">Slope: 0.9849Intercept: 2.3 mg/dL (0.13 mmol/L)Correlation Coefficient: 0.9992 <p>Linearity</p> <ul style="list-style-type: none">0.6 - 600 mg/dL (0.03 - 33.3 mmol/L)	<p>No Significant Interferences Up to Levels Indicated</p> <ul style="list-style-type: none">Hemoglobin: 1000 mg/dL (155 $\mu\text{mol/L}$)Bilirubin: 20 mg/dL (342 $\mu\text{mol/L}$)Intralipid: 100 mg/dL (300 mg/dL (3.4 mmol/L) Simulated Triglycerides) <p>Reference Range⁽¹⁾</p> <ul style="list-style-type: none">70 - 105 mg/dL (3.9 - 5.8 mmol/L)

(a) The performance of this method (y) was compared with the performance of a similar glucose method (x) on a Roche/Hitachi® 704 analyzer.

(1) Burtis, C.A., Ashwood, E.R. Editors, Tietz Textbook of Clinical Chemistry, Second Edition, W.B. Saunders Company, Philadelphia, PA (1994).

Glucose-SL

Ordering Information

	Configuration	Catalog Number
GLUCOSE-SL	R1 2 x 100mL	235-60
GLUCOSE-SL	R1 1 x 1000mL	235-99
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!



THE AMERICAS

SEKISUI Diagnostics, LLC
One Wall Street
Burlington, MA 01803
Phone: 800 332 1042

Email: questions@sekisui-dx.com

INTERNATIONAL

Sekisui Diagnostics (UK) Limited
Liphook Way, Allington
Maidstone, Kent, ME16 0LQ, UK
Phone: +44 1622 607800

Email: info@sekisui-dx.com

SEKISUI
DIAGNOSTICS

Because every result matters™

sekisuidiagnostics.com