

Triglyceride-SL Reagent

FOR THE QUANTITATIVE MEASUREMENT OF TRIGLYCERIDE

METHOD: ENZYMATIC (GLYCEROL PHOSPHATE OXIDASE); ENDPOINT

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

SEKISUI'S Triglyceride-SL Reagent uses a fully enzymatic single reagent procedure intended for the measurement of triglyceride concentration in serum.

Features

- One part stable liquid, ready to use reagent
- Wide linear range compared to the reference range
- Applicable to multiple instrument platforms

Benefits

- Easy to use, no additional reagent preparation required
- Reduces the need for diluting and repeat testing
- Flexible testing, well suited for use with fully automated procedures

Performance Characteristics

Precision

- Within-Run: $\leq 0.6\%$
- Total Precision: $\leq 1.4\%$

Accuracy^(a)

- Slope: 0.9946
- Intercept: -0.8 mg/dL (-0.01 mmol/L)
- Correlation Coefficient: 0.9932

Linearity

- 3.0 - 1000 mg/dL (0.03 - 11.3 mmol/L)

No Significant Interferences Up to Levels Indicated

- Bilirubin: 20 mg/dL (342 $\mu\text{mol/L}$)
- Hemoglobin: 500 mg/dL (78 $\mu\text{mol/L}$)

Reference Range⁽¹⁾

Age (Years)	Males		Females	
	mg/dL	mmol/L	mg/dL	mmol/L
20-29	44-201	0.50-2.27	37-144	0.41-1.63
30-39	51-321	0.56-3.62	39-176	0.44-1.99
40-49	55-327	0.62-3.70	45-214	0.51-2.42
50-59	58-286	0.62-3.23	52-262	0.59-2.62

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

(1) Burtis, C., and Ashwood, E.R., Editors, *Tietz Textbook of Clinical Chemistry*, 3rd edition, W.B. Saunders Co., Toronto, 1999. Compared to the reference range.

Triglyceride-SL Reagent

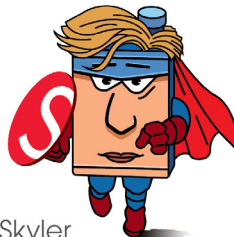
Ordering Information

	Configuration	Catalog Number
TRIGLYCERIDE-SL	R1 2 x 100mL	236-60
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.](#)



Sam



Skyler



Suzy

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