

# 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\*
- 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<sup>(a)</sup>

- 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<sup>(1)</sup>

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.

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## Ordering information

	Configuration	Catalog Number
<b>Triglyceride-SL</b>	R1 2 x 100mL	236-60
<b>Triglyceride-SL</b>	R1 1 x 1000mL	236-99
<b>DC-Cal Calibrator</b>	5 x 3mL	SE-035
<b>DC-Trol Level 1</b>	10 x 5mL	SM-052
<b>DC-Trol Level 2</b>	10 x 5mL	SM-056

(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



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