

Direct Bilirubin-SL

FOR THE QUANTITATIVE MEASUREMENT OF DIRECT BILIRUBIN

METHOD: DCA; ENDPOINT

Direct bilirubin measurements are used to monitor and diagnose liver diseases.

Sekisui's Direct Bilirubin-SL assay uses a spectrophotometric method that is reliable, convenient, and is intended for the measurement of direct bilirubin in serum.

Features:

- Two part stable liquid, ready to use reagent
- Applicable to multiple instrument platforms

Benefits:

- Easy to use, no additional preparation required
- Flexible testing, well suited for use with fully automated procedures

Performance Characteristics

Precision

- Within-Run: $\leq 2.1\%$
- Total Precision: $\leq 7.3\%$

Accuracy^(a)

- Slope: 0.89
- Intercept: 0.132 mg/dL (2.3 $\mu\text{mol/L}$)
- Correlation Coefficient: 0.9987

Linearity

- 0 - 10 mg/dL (0 - 171 $\mu\text{mol/L}$)

No Significant Interferences Up to Levels Indicated

- Intralipid: 400 mg/dL (1200 mg/dL (13.5 mmol/L) Simulated Triglycerides)

Reference Range⁽¹⁾

- 0.0 - 0.2 mg/dL (0.0 - 3.4 $\mu\text{mol/L}$) (adults and infants after 1 month)

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

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Ordering information

	Configuration	Catalog Number
Direct Bilirubin-SL	R1 3 x 100mL R2 1 x 75mL	247-30
DC-Cal Calibrator	5 x 3mL	SE-035
DC-Trol Level 1	10 x 5mL	SM-052
DC-Trol Level 2	10 x 5mL	SM-056

(1) Burtis, A. Carl, Ashwood, Edward R. (Editors), *Tietz Textbook of Clinical Chemistry*, Second Edition, W.B. Saunders Co., Toronto, (1994).



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