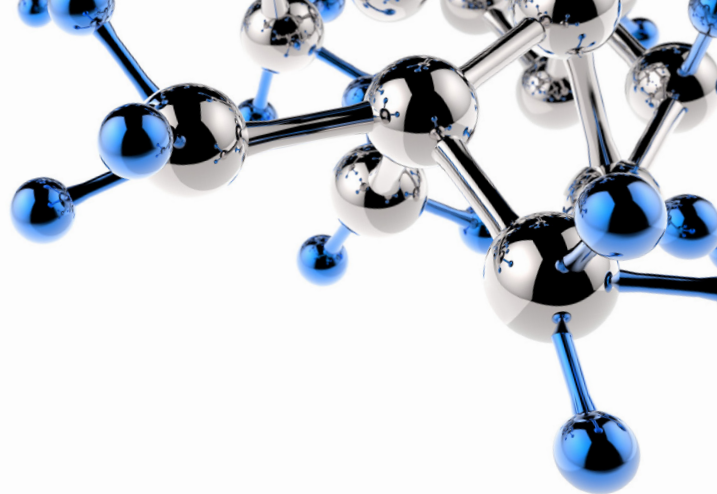




CLINICAL CHEMISTRY



Total Protein

FOR THE QUANTITATIVE MEASUREMENT OF TOTAL PROTEIN

METHOD: BIURET; ENDPOINT

Total Protein measurements are used as an aid to monitor and diagnose liver and renal diseases, bone marrow as well as other metabolic or nutritional disorders.

The SEKISUI Total Protein assay uses a Biuret procedure as a reliable determinant for the quantitative measurement of total protein in serum.

Features

- No significant interference displayed from samples with elevated levels of icterus
- One part, stable liquid
- Applicable to multiple instrument platforms

Benefits

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

Performance Characteristics

Precision

- Within-Run: $\leq 1.2\%$
- Total Precision: $\leq 1.7\%$

Accuracy^(a)

- Slope: 1.037
- Intercept: -0.36 g/dL (-3.6 g/L)
- Correlation Coefficient: 0.947

Linearity

- 10.0 g/dL (100 g/L)

(a) The performance of this method (y) was compared with the performance of another total protein method (x).

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: 100 mg/dL (300 mg/dL (3.39 mmol/L) Simulated Triglycerides)

Reference Range⁽¹⁾

- 6.0 - 8.2 g/dL (60 - 82 g/L)

(1) Kaplan, A., Szabo, L.L., Clinical Chemistry: Interpretation and Techniques, 2nd Ed., Lea and Febiger, (1983) Philadelphia, p.405.

Total Protein

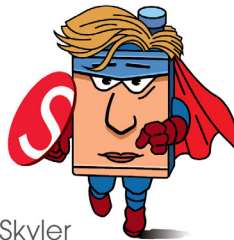
Ordering Information

	Configuration	Catalog Number
TOTAL PROTEIN	R1 4 x 125mL	200-55
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



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