



Albumin measurements are used as an aid to monitor and diagnose **liver and renal diseases.**

METHOD: BROMOCRESOL GREEN (BCG); ENDPOINT

FEATURES:

FOR THE QUANTITATIVE MEASUREMENT OF ALBUMIN

Albumin

The Sekisui Albumin assay incorporates a modified BCG method for accurate and reliable patient test results. It is intended for the measurement of albumin in serum.

- ✓ One part stable liquid
- ✓ Bromocresol Green (BCG) method is recommended over the Bromocresol Purple (BCP) method in patients with liver disease⁽¹⁾
- ✓ Wide variety of chemistry analyzer applications available
- ✓ Convenient package formats

BENEFITS:

- ✓ Easy to use, no additional reagent preparation required
- ✓ BCG offers improved reliability
- ✓ Flexible laboratory testing
- ✓ Suitable for any laboratory regardless of workflow demands

| ORDERING INFORMATION | CONFIGURATION | CATALOG NUMBER |
|---|----------------|----------------|
| <input type="radio"/> ALBUMIN | R1 4 X 125 mL | 200-45 |
| <input type="radio"/> ALBUMIN | R1 1 X 1000 mL | 200-05 |
| <input type="radio"/> DC-CAL CALIBRATOR | 5 X 3 mL | SE-035 |
| <input type="radio"/> DC-TROL LEVEL 1 | 10 X 5 mL | SM-052 |
| <input type="radio"/> DC-TROL LEVEL 2 | 10 X 5 mL | SM-056 |



THE AMERICAS
 Sekisui Diagnostics, LLC
 4 Hartwell Place
 Lexington, MA 02421
 Phone: 800 332 1042
 Fax: 800 762 6311
 Email: questions@sekisui-dx.com

INTERNATIONAL
 Sekisui Diagnostics (UK) Limited
 Liphook Way, Allington
 Maidstone, Kent ME16 0LQ, UK
 Phone: +44 1622 607800
 Fax: +44 1622 60781
 Email: info@sekisui-dx.com

PERFORMANCE CHARACTERISTICS

| | |
|--|--|
| <p>PRECISION</p> | <p>Within-Run: $\leq 1.5\%$ Total Precision: $\leq 2.1\%$</p> |
| <p>ACCURACY</p> <p>The performance of this method (y) was compared with the performance of another albumin method (x) on a Roche/Hitachi® 717 analyzer.</p> | <p>Slope: 1.04 Intercept: -0.20 g/dL (-2 g/L) Correlation Coefficient: 0.9965</p> |
| <p>LINEARITY</p> | <p>0.1 - 7.0 g/dL (1 - 70 g/L)</p> |
| <p>NO SIGNIFICANT INTERFERENCES UP TO LEVELS INDICATED</p> | <p>Hemoglobin: 600 mg/dL (93 $\mu\text{mol/L}$) Bilirubin: 40 mg/dL (684 $\mu\text{mol/L}$) Ascorbic Acid: 100 mg/dL (5678 $\mu\text{mol/L}$) Salicylate: 1 g/L (7.2 mmol/L) Intralipid: 800 mg/dL (2400 mg/dL (27.1 mmol/L) Simulated Triglycerides)</p> |
| <p>REFERENCE RANGE⁽²⁾</p> | <p>3.5 - 5.2 g/dL (35 - 52 g/L)</p> |

(1) Dufour R, et al. Diagnosis and Monitoring of Hepatic Injury. I. Performance Characteristics of Laboratory Tests. Clinical Chemistry. 46: Page 2036, 2000.
(2) Kaplan, A., Szabo, L.L., Clinical Chemistry: Interpretation and Techniques, 2nd Ed. (1983) Lea and Febiger, Philadelphia, p. 403.

NOTES:



THE AMERICAS
Sekisui Diagnostics, LLC
4 Hartwell Place
Lexington, MA 02421
Phone: 800 332 1042
Fax: 800 762 6311
Email: questions@sekisui-dx.com

INTERNATIONAL
Sekisui Diagnostics (UK) Limited
Liphook Way, Allington
Maidstone, Kent ME16 0LQ, UK
Phone: +44 1622 607800
Fax: +44 1622 60781
Email: info@sekisui-dx.com