

Aspartate Aminotransferase-SL (AST-SL)

FOR THE QUANTITATIVE MEASUREMENT OF AST

METHOD: ENZYMATIC (MODIFIED IFCC); KINETIC

AST measurements are used as an aid to monitor and diagnose liver diseases.

The Sekisui AST-SL assay incorporates optimized substrate concentrations with a tris buffer. It is intended for the measurement of aspartate aminotransferase (AST) activity in serum.

Features:

- Can be run as a two part or single part reagent system
- Wide variety of chemistry analyzer applications available

Benefits:

- Easy to use; no additional reagent preparation required
- Flexible testing

Performance Characteristics

Precision

- Within-Run: $\leq 2.1\%$
- Total Precision: $\leq 3.2\%$

Accuracy^(a)

- Slope: 1.02
- Intercept: -2.6 U/L
- Correlation Coefficient: 0.9979

Linearity

- 10 - 600 U/L

No Significant Interferences Up to Levels Indicated

- Bilirubin: 40 mg/dL (684 $\mu\text{mol/L}$)
- Intralipid: 400 mg/dL (1200 mg/dL (13.6 mmol/L) Simulated Triglycerides)

Reference Range⁽¹⁾

- 5 - 34 U/L (37°C)

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

Aspartate Aminotransferase-SL (AST-SL)

FOR THE QUANTITATIVE MEASUREMENT OF AST

METHOD: ENZYMATIC (MODIFIED IFCC); KINETIC

AST measurements are used as an aid to monitor and diagnose liver diseases.

The Sekisui AST-SL assay incorporates optimized substrate concentrations with a tris buffer. It is intended for the measurement of aspartate aminotransferase (AST) activity in serum.

Ordering information

	Configuration	Catalog Number
AST-SL	R1 3 x 100mL R2 1 x 75mL	319-30
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) Kaplan, Lawrence A. and Pesce, Amadeo J., (Ed). Clinical Chemistry: Theory, Analysis, Correlation, 3rd ed. Mosby-Year Book Inc., St. Louis, Missouri (1996), p. 523.



Experience + Technology + Portfolio + Support = **CLINICAL CHEMABILITY™**

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 607801
Email: info@sekisui-dx.com

SEKISUI
DIAGNOSTICS

Because every result matters™

www.sekisuidiagnostics.com