# **CLINICAL CHEMISTRY REAGENTS**

www.sekisuidiagnostics.com





METHOD: ENZYMATIC (MODIFIED IFCC); KINETIC

## **FEATURES:**

FOR THE QUANTITATIVE MEASUREMENT OF AST

# Aspartate Aminotransferase-SL (AST-SL)

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.

- 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

	ORDERING INFORMATION CONFIGURATION		CATALOG NUMBER	
	○ AST-SL	R1 3 X 100 mL R2 1 X 75 mL	319-30	
	O DC-CAL CALIBRATOR	5 X 3 mL	SE-035	
	O DC-TROL LEVEL 1	10 X 5 mL	SM-052	
	O DC-TROL LEVEL 2	10 X 5 mL	SM-056	



THE AMERICAS
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## PERFORMANCE CHARACTERISTICS

**PRECISION** 

**ACCURACY** 

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

LINEARITY

NO SIGNIFICANT INTERFERENCES **UP TO LEVELS INDICATED** 

REFERENCE RANGE(1)

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

Slope: 1.02

Intercept: -2.6 U/L

Correlation Coefficient: 0.9979

10 - 600 U/L

Bilirubin: 40 mg/dL (684 µmol/L)

Intralipid: 400 mg/dL (1200 mg/dL (13.6 mmol/L)

Simulated Triglycerides)

5 - 34 U/L (37°C)

(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.

NOTES:			



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