



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	
<ul style="list-style-type: none"> • Can be run as a two part or single part reagent system 	<ul style="list-style-type: none"> • Wide variety of chemistry analyzer applications available
Benefits	
<ul style="list-style-type: none"> • Easy to use; no additional reagent preparation required 	<ul style="list-style-type: none"> • Flexible testing
Performance Characteristics	
<p>Precision</p> <ul style="list-style-type: none"> • Within-Run: $\leq 2.1\%$ • Total Precision: $\leq 3.2\%$ <p>Accuracy^(a)</p> <ul style="list-style-type: none"> • Slope: 1.02 • Intercept: -2.6 U/L • Correlation Coefficient: 0.9979 <p>Linearity</p> <ul style="list-style-type: none"> • 10 - 600 U/L 	<p>No Significant Interferences Up to Levels Indicated</p> <ul style="list-style-type: none"> • Bilirubin: 40 mg/dL (684 $\mu\text{mol/L}$) • Intralipid: 400 mg/dL (1200 mg/dL (13.6 mmol/L) Simulated Triglycerides) <p>Reference Range⁽¹⁾</p> <ul style="list-style-type: none"> • 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.

(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.

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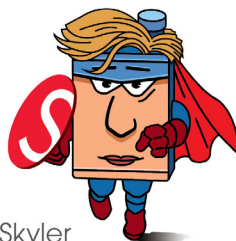
Ordering Information

	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 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](#).



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