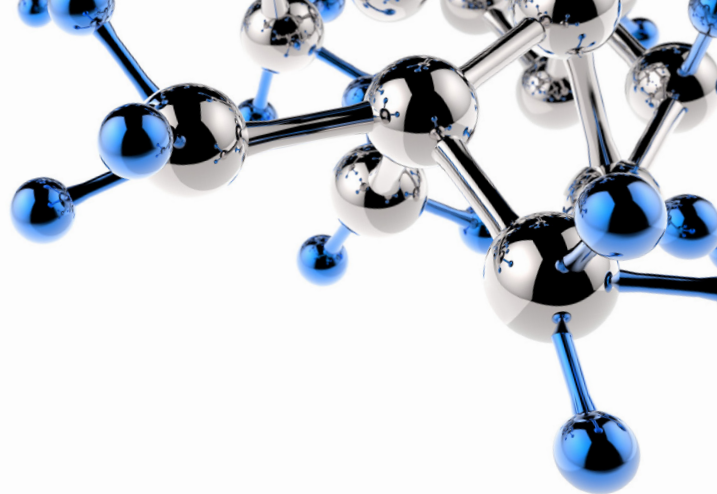




CLINICAL CHEMISTRY



Ethanol L3K[®]

FOR THE QUANTITATIVE MEASUREMENT OF ETHANOL

METHOD: ENZYMATIC (ALCOHOL DEHYDROGENASE); KINETIC

Ethanol measurements are used as an aid to diagnose ethanol toxicity.

SEKISUI'S Ethanol L3K[®] Reagent uses an enzymatic procedure which is rapid and easily automated. It is intended for the measurement of ethanol in serum, plasma and urine.

Features

- One part stable liquid
- Serum, plasma and urine are acceptable sample types
- Applicable to multiple chemistry platforms
- Extensive list of interference testing completed

Benefits

- Easy to use; only one analyzer channel required
- Flexible sample types to meet different laboratory needs
- Laboratory flexibility

Performance Characteristics

Precision

- Within-Run: $\leq 3.4\%$
- Total Precision: $\leq 4.6\%$

Accuracy^(a)

SERUM

- Slope: 1.06
- Intercept: -2.45 mg/dL (-0.5 mmol/L)
- Correlation Coefficient: 0.9994

PLASMA

- Slope: 1.03
- Intercept: -5.86 mg/dL (-1.3 mmol/L)
- Correlation Coefficient: 0.9994

URINE

- Slope: 1.01
- Intercept: 0.59 mg/dL (0.13 mmol/L)
- Correlation Coefficient: 0.9998

Linearity

- 10 - 600 mg/dL (2.2 - 130.3 mmol/L)

No Significant Interferences Up to Levels Indicated

- Bilirubin: 40 mg/dL (684 μ mol/L)
- Hemoglobin: 600 mg/dL (93 μ mol/L)
- LDH (in the presence of 200 mg/dL lactate): 10,000 U/L
- Intralipid: 1000 mg/dL (3000 mg/dL (34 mmol/L) Simulated Triglycerides)

(a) The performance of this method (y) was compared with the performance of another rate ethanol method (x) on a Beckman CX[®] analyzer.

Ethanol L3K®

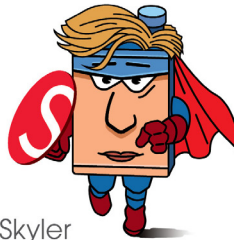
Ordering Information

	Configuration	Catalog Number
ETHANOL L3K®	R1 6 x 30mL REAGENT 1 x 5mL STANDARD	273-30

To learn more about our clinical chemistry reagent products scan the QR code or go to [Clinical Chemistry Reagents – SEKISUI Diagnostics](#).



Sam



Skyler



Suzy

Securing accurate and reliable Clinical Chemistry results!



THE AMERICAS

SEKISUI Diagnostics, LLC
One Wall Street
Burlington, MA 01803
Phone: 800 332 1042

Email: questions@sekisui-dx.com

INTERNATIONAL

Sekisui Diagnostics (UK) Limited
Liphook Way, Allington
Maidstone, Kent, ME16 0LQ, UK
Phone: +44 1622 607800

Email: info@sekisui-dx.com

SEKISUI
DIAGNOSTICS

Because every result matters™

sekisuidiagnostics.com