

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
- High reliability of testing

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

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

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)

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Ordering information		
	Configuration	Catalog Number
ETHANOL L3K [®]	R1 6 x 30mL REAGENT 1 x 5mL CALIBRATOR	273-30



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

THE AMERICAS

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Because every result matters[™]

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