Ethanol L3K®

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.

**For the Quantitative Measurement of Ethanol**

**Ethanol L3K®**

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 instrument 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

**Ordering Information**

- **ETHANOL L3K®**

**Configuration**

- R 16 X 30 mL REAGENT
- 1 X 5 mL CALIBRATOR

**Catalog Number**

- 273-30

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### Performance Characteristics

| Precision         | Within-Run: ≤3.4%  
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<th>Total Precision: ≤4.6%</th>
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| **Accuracy**      | **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 μmol/L)  
|                   | **Hemoglobin**: 600 mg/dL (93 μmol/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)  |

### Notes:

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

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**Sekisui Diagnostics**  
Sekisui Diagnostics, LLC  
4 Hartwell Place  
Lexington, MA 02421  
Phone: 800 332 1042  
Fax: 800 762 6311  
Email: questions@sekisuidiagnostics.com

**International**  
Sekisui Diagnostics (UK) Limited  
50 Gibson Drive  
Kings Hill, West Malling, Kent, ME19 4AF, UK  
Phone: +44 (0) 1732 220022  
Fax: +44 (0) 1732 220024  
Email: info@sekisuidiagnostics.com

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