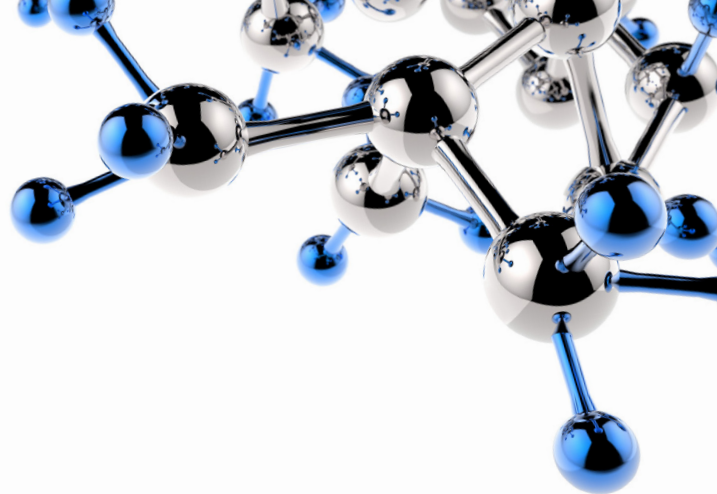




CLINICAL CHEMISTRY



Urea L3K[®]

FOR THE QUANTITATIVE MEASUREMENT OF UREA

METHOD: ENZYMATIC (UREASE); RATE

Urea measurements are used as an aid to monitor and diagnose renal disease.

The SEKISUI Urea L3K[®] assay employs the urease method with a stabilized NADH cofactor analog for improved performance. It is intended for the measurement of urea in serum.

Features	
<ul style="list-style-type: none"> • One part stable liquid 	<ul style="list-style-type: none"> • Applicable to multiple chemistry platforms
Benefits	
<ul style="list-style-type: none"> • Easy to use, no additional reagent preparation required • Reduces the need for sample dilutions 	<ul style="list-style-type: none"> • Flexible testing, well suited for use with fully automated procedures
Performance Characteristics	
<p>Precision</p> <ul style="list-style-type: none"> • Within-Run: $\leq 2.9\%$ • Total Precision: $\leq 4.0\%$ <p>Accuracy^(a)</p> <ul style="list-style-type: none"> • Slope: 1.00 • Intercept: -0.1 mg/dL (-0.04 mmol/L) • Correlation Coefficient: 0.9951 <p>Linearity</p> <ul style="list-style-type: none"> • 4 - 150 mg/dL (1.4 - 53.6 mmol/L) 	<p>No Significant Interferences Up to Levels Indicated</p> <ul style="list-style-type: none"> • Hemoglobin: 1000 mg/dL (155 $\mu\text{mol/L}$) • Bilirubin: 40 mg/dL (684 $\mu\text{mol/L}$) • Intralipid: 1000 mg/dL (3000 mg/dL (33.9 mmol/L) Simulated Triglycerides) <p>Reference Range⁽¹⁾</p> <ul style="list-style-type: none"> • Urea: 11 - 37 mg/dL (3.9 - 13.2 mmol/L) • Urea Nitrogen: 5 - 17 mg/dL (1.8 - 6.1 mmol/L)
<p>(a) The performance of this method (y) was compared with the performance of a similar method (x) on a Roche/Hitachi[®] 717 analyzer.</p>	

(1) Kaplan, L.A. and Pesce, A.J., Clinical Chemistry – Theory, Analysis, and Correlation, Third Edition. Mosby Year-Book Inc., St. Louis, p. 500 (1996).

Urea L3K®

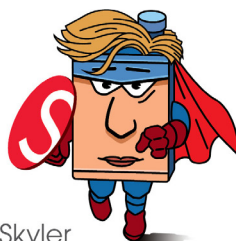
Ordering Information

	Configuration	Catalog Number
UREA L3K®	R1 6 x 30mL	283-30
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.](#)



Sam



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Suzy

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