

Urea-L3K

By incorporating many of the unique analytical and performance advantages of DCL's stabilizing L3K® technology, Urea-L3K brings a new level of performance to the clinical laboratory. This new, single vial, stable liquid enzymatic urea reagent provides improved reagent linearity, precision and freedom from interferences compared to Thermo DMA Urea Nitrogen DST Liquid Reagent.*

Consider the advantages:

- Single vial, ready-to-use formulation
- Extended on-board and calibration stability
- Superior linearity and reportable range*
- Superior freedom from interference*
- Superior within-run and total precision*

	Urea-L3K	Urea DST Reagent*
Reportable Range	2.0 – 150 mg/dL	3.0 – 112 mg/dL
Precision Within-Run	2.9% @ 13.5 mg/dL 1.6% @ 50.3 mg/dL	5.3% @ 14.4 mg/dL 2.0% @ 51.0 mg/dL
Precision Total	4.0% @ 13.5 mg/dL 2.4% @ 50.3 mg/dL	8.1% @ 14.4 mg/dL 4.2% @ 51.0 mg/dL
Bilirubin (Icterus)	No significant interference to 40 mg/dL	No significant interference to 18 mg/dL
Hemoglobin (Hemolysis)	No significant interference to 1000 mg/dL	No significant interference to 522 mg/dL

*Per Manufacturer's package insert - Data on File

The assay is a modified Urease method employing glutamate dehydrogenase (GLDH) and a stabilized NADH analog. The extraordinary stability and performance gains evident in this new formulation are a direct result of the exceptional benefits of L3K technology.



The decrease in absorbance is monitored at 340 or 380 nm.

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Single vial, stable liquid, ready-to-use formulation, 12 month shelf life at 2-8°C**

Cat. No. 283-30	Enzymatic (Urease), Rate, 340 nm	6 x 30 mL
Cat. No. 283-17	Enzymatic (Urease), Rate, 340 nm	5 x 100 mL (wedge packaging)
Cat. No. 283-99	Enzymatic (Urease), Rate, 340 nm	1 x 1000 mL

Associated Products

Cat. No. SE-035	DC-Cal Calibrator	5 x 3 mL
Cat. No. SM-052	DC-Trol Level 1 Control (Normal)	10 x 5 mL
Cat. No. SM-056	DC-Trol Level 2 Control (Abnormal)	10 x 5 mL

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** Expiry dating from date of manufacture.

283.1S
5/30/03



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