

Diagnostic Chemicals Limited  
160 Christian Street  
Oxford, CT 06478  
[www.dclchem.com](http://www.dclchem.com)  
Contact: Robert Janetschek  
203-881-2020 x304

## NEWS RELEASE

September 2004

---

### DCL RECEIVES 510(K) APPROVAL FOR NEW LIQUID STABLE AMMONIA L<sub>3</sub>K<sup>®</sup> REAGENT

**Oxford, CT** - Diagnostic Chemicals Limited (DCL) announced the launch of Ammonia L3K, the latest addition to DCL's L3K line of clinical chemistry products. Ammonia L3K is a single vial, stable liquid reagent which incorporates a patented and proprietary co-enzyme analog technology. The use of liquid reagents eliminates the need for reagent preparation, thereby saving time, labor, and reducing potential for error.



By use of this patented and proprietary co-enzyme analog technology, ammonia concentrations in plasma are readily determined enzymatically by utilization of Glutamate Dehydrogenase (GLDH) and a stabilized NADH analog. The use of this synthetic analog produces a reagent system demonstrating both unparalleled on-board and calibration stability.

DCL's Ammonia L<sub>3</sub>K reagent features an exceptional 12-month shelf life stability claim, requires no sample pre-treatment, demonstrates a superior low-end sensitivity [down to 0.1 µg/mL (5.8 µmol/L)], incorporates a low sample-to-reagent ratio, and offers superior performance characteristics with regard to accuracy and precision, including a reportable range to 20 µg/mL (1175.0 µmol/L).

DCL's Ammonia L<sub>3</sub>K reagent is available in a flexible, operator-oriented packaging configuration of 2 x 20 mL, with a liquid stable Ammonia standard included with each kit. The assay is ideally suited for use in fully automated testing procedures, and an extensive line of instrument parameters is currently available for a number of chemistry analyzers.

DCL serves the clinical chemistry, point-of-care, veterinary and life science markets with a comprehensive line of diagnostic products. For additional information, contact DCL at 160 Christian Street, Oxford, CT 06478; Phone: 203-881-2020; FAX: 203-888-1143; E-mail: [sales@dclchem.com](mailto:sales@dclchem.com), or visit our website at [www.dclchem.com](http://www.dclchem.com).

**TO THE EDITOR:** Diagnostic Chemicals Limited, founded in 1970, is a leading manufacturer of clinical chemistry reagents, point-of-care tests, and specialty chemicals for the pharmaceutical industry. The Company has a manufacturing facility in Charlottetown, Canada and sales and distribution centers in Oxford, CT and Mexico City, Mexico.

**L<sub>3</sub>K IS A REGISTERED TRADEMARK OF DIAGNOSTIC CHEMICALS LIMITED.**