

Liquid Direct LDL

DCL's Liquid Direct LDL is a stable liquid, two reagent, homogeneous method for the direct measurement of LDL-Cholesterol.

The U.S. National Cholesterol Education Program has recently released the third report of the Adult Treatment Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults.¹ Under the new guidelines, LDL-Cholesterol (LDL) remains the major focus for classification and treatment. For screening, a fasting lipoprotein profile is recommended, adding LDL and triglycerides (TG) to the previous measurements of total cholesterol and HDL-Cholesterol (HDL). The new guidelines place greater emphasis on LDL and may lead to increased numbers of requests for this test.²

Direct measurement of LDL-Cholesterol with DCL's Liquid Direct LDL overcomes critical limitations of the Friedewald Calculation. The Calculation shows decreasing accuracy in patients with triglycerides over 200 mg/dL and should not be used in patients with triglycerides over 400 mg/dL.

- Easy to use assay eliminates all sample pretreatment
- Works with fasting and non-fasting patient samples
- Linear between 5 and 500 mg/dL
- No interference with triglycerides up to 1,620 mg/dL

Liquid Direct LDL (Elimination Method)

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

Cat. No. LDL-720** Homogeneous, Enzymatic,
Endpoint, 600 nm

1 x 60 mL + 1 x 20 mL
1 mL Calibrator

Cat. No. LDL-740** Homogeneous, Enzymatic,
Endpoint, 600 nm

2 x 60 mL + 2 x 20 mL
1 mL Calibrator

Associated Products

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

1) G. Russell Warnick, Gary L. Myers, Gerald R. Cooper, and Nader Rifai, Impact of the Third Cholesterol Report from the Adult Treatment Panel of the National Cholesterol Education Program on the Clinical Laboratory, Clin Chem 2002;48:11-17.

2) The full NCEP Report may be viewed in its entirety at <http://www.nhlbi.nih.gov/guidelines/cholesterol/>.

* Expiry dating is from date of manufacture

**Available only in the United States

LDL720/740.1S
1/24/03



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