

## **NEW TEST ANNOUNCEMENT**

**NOTIFICATION DATE:** May 21, 2013 **EFFECTIVE DATE:** May 22, 2013

## LDL PARTICLE CONCENTRATION NMR, PLASMA Test ID: TLDLP

**USEFUL FOR**: Assessment and management of a patient's risk for cardiovascular disease and events

**METHODOLOGY**: Nuclear Magnetic Resonance (NMR)

REFERENCE VALUES: TOTAL LDL PARTICLE CONCENTRATION

< or =15 years: not established **Adults** (> or =16 years):

<1,000 nmol/L (optimal)

1,000-1,299 nmol/L (near or above optimal)

1,300-1,599 nmol/L (borderline high)

1,600-2,000 nmol/L (high) >2,000 nmol/L (very high)

Interpretation of LDL lipoprotein concentration should be conducted within the context of standard lipid profile results (total cholesterol, triglycerides, HDL cholesterol, calculated LDL cholesterol and non-HDL cholesterol).

## **SPECIMEN REQUIREMENTS:**

**Container/Tube:** Lavender top (EDTA)

**Preferred:** Refrigerate **Acceptable:** Frozen **Specimen Volume:** 1mL

Collection Instructions: Centrifuge and Aliquot

Minimum Volume: 0.5mL

**NOTE:** Plasma gel tubes not acceptable

## **SPECIMEN STABILITY INFORMATION:**

Specimen Type	Temperature	Time
Plasma (EDTA)	Refrigerated (preferred)	6 days
	Frozen	

**CPT CODE**: 83704-quantitation of lipoprotein particle numbers and lipoprotein particle subclasses (eg, by nuclear magnetic resonance spectroscopy)

**DAY(S) SET UP**: Monday-Friday; Continuous **ANALYTIC TIME**: Same Day

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or Dawn Keller, MML Laboratory Technologist Resource Coordinator Telephone: 800-533-1710