
Reporting Title: LDL Particles NMR, P
Performing Location: Rochester

Specimen Requirements:

Container/Tube: Lavender top (EDTA)

Specimen Volume: 1 mL

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

Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|----------------------------------|--------------|--------|------------|
| LDLPV | Total LDL Particle Concentration | Numeric | nmol/L | In Process |
| NMRIT | Interpretation | Alphanumeric | | In Process |

CPT Code Information:

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

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).