NMR LipoProfile®

**CPT Code:** 83704; 80061 (with lipid panel)

**Order Code:**
- C907 (LipoProfile® with Lipid Panel)
- C944 (LipoProfile® without Lipid Panel)

**ABN Requirement:** No

**Synonyms:** NMR

**Specimen:** Serum from a LipoProfile® tube only

**Volume:** 2.0 mL

**Minimum Volume:** 1.0 mL

**Container:** LipoProfile® Z Serum Separator Clot Activator Lipotube (Black-top with yellow ring)

**Collection:**
1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 - 10 times immediately after draw. DO NOT SHAKE.
3. Allow blood to clot 30 minutes in an upright position at room temperature.
4. Centrifuge for 10 minutes.

**Patient Preparation:** Patient should be fasting 12 hours prior to collection.

**Transport:** Store serum at 2°C to 8°C after collection and ship the same day per packaging instructions provided with the Cleveland HeartLab shipping box.

**Stability:**

- **Ambient (15-25°C):** not acceptable
- **Refrigerated (2-8°C):** 6 days
- **Frozen (-20°C):** not acceptable
- **Deep Frozen (-70°C):** not acceptable

**Causes of Rejection:** Gross hemolysis; specimens other than serum in a Liposcience lipotube; improper labeling; samples not stored properly; samples older than stability limits
**Methodology:** Nuclear Magnetic Resonance (NMR) Spectroscopy

**Performing Laboratory:**

LabCorp Burlington  
1447 York Court,  
Burlington NC 27215-3361

**Turn Around Time:** 5 days

**Reference Ranges:**

**Use:** The NMR LipoProfile® test may be ordered for individuals with obesity, metabolic syndrome or diabetes, individuals who have had a myocardial infarction or who have a family history of cardiovascular disease and individuals with low HDL and high triglyceride levels.

**Limitations:** The LDL-C and LP-IR Scores will be inaccurate if the patient is not fasting.

**Additional Information:** LDL Particle Size (small), Large HDL (low levels), and Large VLDL (high levels) contribute to CHD risk and are important markers of the Metabolic Syndrome and risk of developing Type 2 Diabetes Mellitus.

*The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.*