

# Lipoprotein Fractionation, Ion Mobility

**CPT Code:** 83704

**Order Code:** 1346

**ABN Requirement:** No

**Specimen:** Serum

**Volume:** 1.0 mL

**Minimum Volume:** 0.25 mL

**Container:** Gel-barrier tube (SST, Tiger Top), Red Top (no gel barrier) tube

## **Collection:**

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. DO NOT SHAKE.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

## ***For Red Top (no gel barrier) tube, follow this additional step:***

5. Aliquot serum into a labeled transport tube and cap tightly.

**Fasting:** Fasting preferred. Non-fasting acceptable.

**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):** 24 hours

**Refrigerated (2-8°C):** 10 days

**Frozen (-20°C):** 28 days

**Frozen (-70°C):** 167 days

**Causes for Rejection:** Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits; gross hemolysis; gross lipemia

**Methodology:** Ion Mobility

**Turn Around Time:** 3 to 4 days

**Reference Range:** See Laboratory Report

**Clinical Significance:** There is a correlation between increased risk of premature heart disease with decreasing size of LDL particles. Ion mobility offers the only direct measurement of lipoprotein particle size and concentration for each lipoprotein from HDL3 to large VLDL.

*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.*