



OxLDL

CPT Code: 83520

Order Code: C335

ABN Requirement: No

Synonyms: Oxidized Low-density Lipoprotein; Oxidized LDL

Specimen: EDTA Plasma (preferred) or Serum

Volume: 0.5 mL

Minimum Volume: 0.2 mL

Container:

Plasma: EDTA (Lavender Top tube)

Serum: Gel-barrier tube (Tiger Top)

Collection:

Plasma:

1. Draw and gently invert 8 to 10 times.
2. Centrifuge for 10 minutes.
3. Pre-squeeze transfer pipet bulb and draw off approximately 2/3 of the upper plasma layer. **Note:** *This ensures that the buffy coat and red cells remain undisturbed.*
4. Aliquot plasma into labeled transport tube labeled as “EDTA plasma” and cap tightly. Discard original tube.
5. Store transport tube refrigerated at 2-8°C until ready to ship.

Serum:

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.

Transport: Store plasma or 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): 7 days

Frozen (-20°C): 28 days

Deep Frozen (-70 to -80°C): 6 months

Causes for Rejection: Specimens other than EDTA plasma or serum; improper labeling; samples not stored properly; samples older than stability limits

Methodology: Enzyme-Linked Immunoassay (ELISA)

Turn Around Time: 1-5 days

Relative Risk:

Age	Low Risk U/L	Moderate Risk U/L	High Risk U/L
All Ages	<60	60-69	≥70

Use: The oxidized LDL test may be ordered for individuals at low or intermediate risk of metabolic syndrome or cardiovascular disease. In addition, this test is useful in individuals who have cardiovascular disease and are at risk for an adverse cardiac event.

Limitations: No known limitations.

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.