

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: 0.3 mL

Container: EDTA (Lavender Top tube) (preferred) or Gel-barrier tube (SST)

Collection:

Plasma:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 8-10 times immediately after draw. DO NOT SHAKE.
3. Centrifuge for 10 minutes.
4. Aliquot top layer from lavender draw tube and place plasma into transport tube. Discard draw tube. Label the transport tube as EDTA plasma. Only ship plasma in transport tube.
5. Ship and transport refrigerated.

SST 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 included with the provided 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: Samples not labeled properly; samples not stored properly; samples older than stability limits

Methodology: Enzyme-Linked Immunoassay (ELISA)

Turn Around Time: 5 days

Relative Risk:

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

Clinical Significance: 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.