

Lamotrigine (Lamictal)

CPT Code: 80175

Order Code: 22060

ABN Requirement: No

Alternative Name(s): Lamictal

Specimen:

Preferred: serum

Acceptable: plasma

Volume: 1.0 mL

Minimum Volume: 0.5 mL

Container:

Preferred: R, red-top tube (no gel)

Acceptable: L, lavender-top tube, EDTA or Gn, green-top tube, sodium heparin

Collection:

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 specimen for 10 minutes.
5. Aliquot serum into transport tube labeled as "Red Top Serum" and cap tightly. Discard original tube.

EDTA Plasma:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 10 times immediately after draw. Do not shake.
3. Centrifuge specimen for 10 minutes.
4. Aliquot plasma into transport tube labeled as "EDTA Plasma" and cap tightly. Discard original tube.

Patient Instructions: Draw ½ hour to 1 hour before next dose at steady state.

Transport: Store serum or EDTA plasma 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): 2 days

Refrigerated (2-8°C): 5 days

Frozen (-20°C): 14 days

Causes for Rejection: Serum separator tube (SST); gross lipemia; gross hemolysis

Methodology: Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)

Turn Around Time: 3 to 4 days

Reference Range: 2.5-15.0 mcg/mL

This test was developed, and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the US Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Clinical Significance: Lamotrigine is an anticonvulsant drug used as adjunctive treatment for refractory partial seizures.

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.