

**Reporting Title:** Lamotrigine, S  
**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive

**Specimen Requirements:**  
**Supplies:** Sarstedt Aliquot Tube, 5 mL (T914)  
**Collection Container/Tube:**  
**Preferred:** Red top  
**Acceptable:** Serum gel  
**Submission Container/Tube:** Plastic vial  
**Specimen Volume:** 1 mL

- Collection Instructions:**
- 1. Collect blood immediately before next scheduled dose.
  - 2. **Only** for sustained-release formulations, collect blood a minimum of 12 hours after last dose.
  - 3. Within 2 hours of collection, centrifuge.
  - 4. For red-top tubes, immediately aliquot serum into a plastic vial.
  - 5. For serum gel tubes, **the serum must be aliquoted into a plastic vial within 24 hours of collection.**

**Forms:**  
If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:  
[-Neurology Specialty Testing Client Test Request](#) (T732)  
[-General Request](#) (T239)  
[-Therapeutics Test Request](#) (T831)

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	28 days	
	Ambient	28 days	
	Frozen	28 days	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
80999	Lamotrigine, S	Numeric	mcg/mL	6948-4

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**  
No

**CPT Code Information:**  
80175

**Reference Values:**  
Patients receiving therapeutic doses usually have lamotrigine concentrations of 3.0-15.0 mcg/mL.