
Lab Dept: Chemistry

Test Name: NEURONTIN LEVEL

General Information

Lab Order Codes: NEUR

Synonyms: Gabapentin

CPT Codes: 80171 - Gabapentin

Test Includes: Neurontin/Gabapentin concentration in ug/mL.

Logistics

Test Indications: Monitoring serum concentrations, assessing compliance, assessing signs of toxicity.

Lab Testing Sections: Chemistry - Sendouts

Referred to: MedTox Laboratories (MedTox Test: 160)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 2 days

Special Instructions: If this is a STAT order, please check with the provider to see if the specimen should be shipped immediately and performed STAT by the reference lab at an additional cost. If immediate shipment is necessary, please call the lab to make arrangements.

Draw immediately before next scheduled dose.

Specimen

Specimen Type: Blood

Container: Red top NO GEL tube
Alternate: Green NO GEL (Lithium Heparin) tube

Draw Volume: 6 mL (Minimum: 0.6 mL) blood

Processed Volume: 2 mL (Minimum: 0.2 mL) serum/plasma

Note: Submission of the minimum amount does not allow for repeat analysis and may result in a QNS (quantity not sufficient) test result.

Collection: Routine venipuncture

Special Processing: Lab Staff: Centrifuge specimen within 2 hours of collection, remove plasma aliquot into a screw-capped round bottom plastic vial. Store and ship at refrigerated temperatures. Forward promptly.

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimens

Interpretive

Reference Range: 4.0 – 16.0 ug/mL

Critical Values: N/A

Limitations: MedTox: Reporting limit 0.5 ug/mL

Methodology: Immunoassay

References: [MedTox Laboratories](#) (October 2014)

Updates:
1/14/2010: Plasma no longer accepted. Units change from ug/mL to mcg/mL.
5/6/2010: CPT updates
12/6/2010: Information updated for MedTox, Mayo information no longer referenced. All specimens to be sent to MedTox.
1/7/2015: CPT update
11/15/16: Tube update to no gel.