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**Lab Dept:** Chemistry

**Test Name:** NEURONTIN LEVEL

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***General Information***

**Lab Order Codes:** NEUR

**Synonyms:** Gabapentin

**CPT Codes:** 80171 - Gabapentin

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

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***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.

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***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

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***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.