
Lab Dept: Chemistry

Test Name: BRIVARACETAM, PLASMA

General Information

Lab Order Codes: FBRIV

Synonyms: Briviact

CPT Codes: 80299

Test Includes: Brivaracetam concentration in plasma, reported in mcg/mL

Logistics

Test indications: To determine brivaracetam concentration in plasma.

Lab Testing Sections: Chemistry - Sendouts

Referred to: Mayo Clinic Laboratories (forwarded to NMS labs) (MML Test: FBRIV)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 10-12 days

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Lavender top tube (EDTA)

Draw Volume: 3 mL (minimum: 0.6 mL) blood

Processed Volume: 1 mL (minimum: 0.2 mL) plasma

Collection: Routine blood collection

Special Processing:	Lab Staff: Centrifuge specimen, aliquot plasma to plastic vial and refrigerate. Store and ship at refrigerated temperatures Specimen stable refrigerated (preferred) or ambient for 30 days, frozen for 120 days.
Patient Preparation:	N/A
Sample Rejection:	Specimens collected in wrong tube or with gel separator; mislabeled or unlabeled specimens

Interpretive

Reference Range:	The reporting limit is determined at each analysis. Units are reported in mcg/mL. Interpretive information from reference lab: The recommended steady-state brivaracetam plasma concentration for seizure control is 0.2 to 2.0 mcg/mL
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Critical Values: N/A

Limitations: This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the U.S. Food and Drug Administration.

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

References: [Mayo Clinic Labs](#) (December 2023)

Updates: 12/6/2023: Initial entry