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**Lab Dept:** Chemistry

**Test Name:** POSACONAZOLE LEVEL

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***General Information***

**Lab Order Codes:** POSAS

**Synonyms:** Noxafil (Posaconazole)

**CPT Codes:** 80299 – Quantitation of therapeutic drug, not elsewhere specified

**Test Includes:** Posaconazole level reported in ng/mL

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***Logistics***

**Test Indications:** Useful for monitoring of posaconazole therapy.

**Lab Testing Sections:** Chemistgry - Sendouts

**Referred to:** Mayo Medical Laboratories (Mayo Test: POSA)

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 2 – 5 days

**Special Instructions:** N/A

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***Specimen***

**Specimen Type:** Blood

**Container:** Red NO GEL tube

**Draw Volume:** 6.0 mL (Minimum: 2.0 mL) blood

**Processed Volume:** 2.0 mL (Minimum: 0.6 mL) plasma

**Note:** Submission of minimum volume does not allow repeat analysis

**Collection:** Routine blood collection

**Special Processing:** Lab Staff: Centrifuge specimen and remove serum 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:** 700 ng/mL (trough)

Results greater than 700 ng/mL has been suggested for prophylaxis and also in a salvage trial for treatment of invasive Aspergillus infections.

**Critical Values:** N/A

**Limitations:** N/A

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

**References:** [Mayo Medical Laboratories](#) January 2019

**Update:** 6/21/19: Moved from frozen to refrigerated specimen storage