Lab Dept: Chemistry

Test Name: POSACONAZOLE LEVEL

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

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

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