
Lab Dept: Chemistry

Test Name: POSACONAZOLE, SERUM

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: Chemistry - 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 mL (Minimum: 1.8 mL) blood

Processed Volume: 2 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 frozen temperatures. Forward promptly.

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimens; specimens collected in gel tubes

Interpretive

Reference Range: Trough: 700 ng/mL

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 Web Page](#) January 2018