
Lab Dept: Chemistry

Test Name: SULFISOXAZOLE LEVEL

General Information

Lab Order Codes: SULF

Synonyms: Gantrisin; Sulfonamides

CPT Codes: 84311 – Spectrophotometry, quantitation of analyte not otherwise specified
or
80375 – Drug or substance, definitive, qualitative or quantitative, nos, 1-3

Test Includes: Sulfisoxazole level reported in mcg/mL.

Logistics

Test Indications: Useful for monitoring therapy to avoid urinary crystal formation.

Lab Testing Sections: Chemistry - Sendouts

Referred to: Mayo Medical Laboratories (MML Test: 90525) forward to NMS Laboratories (NMS Test: 42455P)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 7 days, test performed Thursdays

Special Instructions: Peak levels should be drawn 30 minutes after completion of infusion of an intravenous dose or 60 minutes after an intramuscular or oral dose of the antimicrobial to be assayed.

Specimen

Specimen Type: Blood

Container: Red NO GEL tube. **Do Not** use SST tubes.

Alternate tube: Lavender top (EDTA) tube

Draw Volume:	3 mL (Minimum: 1.2 mL) blood
Processed Volume:	1 mL (Minimum: 0.4 mL) serum/plasma
Collection:	Routine venipuncture
Special Processing:	Lab Staff: Centrifuge specimen, remove serum/plasma aliquot into a screw-capped round bottom plastic vial. Store and ship at refrigerated temperatures. Indicate serum or plasma on specimen label. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens; sample collected in a gel tube

Interpretive

Reference Range:	Therapeutic concentration: 50 - 100 mcg/mL
Critical Values:	N/A
Limitations:	N/A
Methodology:	Spectrophotometry
References:	Mayo Medical Laboratories December 2017 NMS National Medical Services Laboratory December 2017
Updates:	1/24/2011: Specimen forward to NMS. Note CPT change, therapeutic range change and method change.