
Lab Dept: Chemistry

Test Name: CIPROFLOXACIN LEVEL

General Information

Lab Order Codes: CIPR

Synonyms: Cipro®

CPT Codes: 82542 – Column chromatography, includes mass spectrophotometry, if performed, qualitative or quantitative, each specimen

Test Includes: Ciprofloxacin level reported in mcg/mL.

Logistics

Test Indications: Antimicrobial monitoring

Lab Testing Sections: Chemistry - Sendouts

Referred to: MedTox Laboratories (MedTox Test: 28)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 3 – 7 days

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Red top NO GEL tube
Alternate: Green top NO GEL tube

Draw Volume: 6 mL (Minimum: 0.6 mL) blood

Processed Volume: 2 mL (Minimum: 0.2 mL) serum/plasma

Note: Submission of the minimum volume results in an elevated reporting limit and inability to repeat analysis.

Collection:	Routine venipuncture
Special Processing:	Lab Staff: Centrifuge specimen, remove serum/plasma into a screw-capped round bottom plastic vial. Freeze immediately. Store and ship at frozen temperatures. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens

Interpretive

Reference Range:	Interpretation of ciprofloxacin concentration is performed by comparison of the concentration with the minimum inhibitory concentration (MIC) of the organism being treated. There is no reported toxic range for ciprofloxacin.
Critical Values:	N/A
Limitations:	Reporting limit: 0.1 mcg/mL
Methodology:	High Performance Liquid Chromatography with Fluorescence Detection (HPLC-FL)
References:	MedTox Laboratories December 2017
Updates:	2/2/2016: CPT update 11/4/2016: Tube update 12/13/2021: Updated TAT