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**Lab Dept:** Chemistry

**Test Name:** CIPROFLOXACIN LEVEL

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***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.

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***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 day

**Special Instructions:** N/A

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***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.

<b>Collection:</b>	Routine venipuncture
<b>Special Processing:</b>	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.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Mislabeled or unlabeled specimens

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### ***Interpretive***

<b>Reference Range:</b>	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.
<b>Critical Values:</b>	N/A
<b>Limitations:</b>	Reporting limit: 0.1 mcg/mL
<b>Methodology:</b>	High Performance Liquid Chromatography with Fluorescence Detection (HPLC-FL)
<b>References:</b>	<a href="#">MedTox Laboratories</a> (July 2014)
<b>Updates:</b>	2/2/2016: CPT update 11/4/2016: Tube update