Lab Dept:	Chemistry
Test Name:	DIGOXIN LEVEL
General Information	
Lab Order Codes:	DIGO
Synonyms:	Lanoxicaps®, Lanoxin®
CPT Codes:	80162 - Digoxin
Test Includes:	Digoxin level reported in ng/mL.
Logistics	
Test Indications:	Cardiovascular therapeutic drug monitoring
Lab Testing Sections:	Chemistry - Sendouts
Referred to:	MedTox Laboratories (Test# 38)
Phone Numbers:	MIN Lab: 612-813-6280
	STP Lab: 651-220-6550
Test Availability:	Daily, 24 hours
Turnaround Time:	1 day
Special Instructions:	Collect after a minimum of 6 hours post dose; trough levels are most reproducible.
Specimen	
Specimen Type:	Blood
Container:	Red top NO GEL tube Alternate: Green top NO GEL tube
Draw Volume:	6 mL (Minimum: 1 mL) blood
Processed Volume:	2 mL (Minimum 0.3 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 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
Interpretive	
Reference Range:	0.5 – 0.9 ng/mL
	Note: Doses of digoxin that achieve a plasma concentration of drug in the range of 0.5 to 0.9 ng/mL are suggested for treatment of heart failure. Higher concentrations have not been shown to improve efficacy. (2013 ACCF/AHA Guideline for the Management of Heart Failure; Circulation, 2013: 128:e240-e327)
Critical Values:	>2.4 ng/mL
Limitations:	Reporting limit: 0.2 ng/mL
Methodology:	Immunoassay (IA)
References:	MedTox Laboratories Web Page (June 2017) www.medtox.com
Updates:	11/4/2016: Tube update 6/27/2017: Reference range update