

DIGOXIN

Orderable - DIG

Turn Around Time: 3 hours

STAT: 1 hour

Alternate Name(s):

Lanoxin

Specimen:

Adult	Pediatric
4.5 mL Green (Lithium Heparin) top Vacutainer tube	0-2 years: 0.5 mL Green Microtainer 2-10 years: 2 mL Green top tube
Plasma from a 5 mL Gold top or 6 mL Red top Vacutainer tube is also acceptable.	

Collection Information:

Collect blood aseptically in a Vacutainer tube.

Reference Ranges:

Therapeutic range:	1.0 to 2.6 nmol/L
Congestive heart failure:	0.6 to 1.0 nmol/L
Toxic:	>3.0 nmol/L

CRITICAL VALUE to be phoned to Nurse or Physician immediately:

Interpretive Comments:

Therapeutic digoxin concentrations vary significantly, depending upon the individual. The lower limit for one patient may be ineffective in another, while the upper limit may prove toxic in a third. The physician should determine the appropriate reference interval for each patient.



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Enzyme immunoassay
(EIA)



Test Schedule:
As required



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Storage and Shipment:

Serum/Plasma must be separated from the cells within 2 hours of collection. Store at 15-30° Celsius for no longer than 8 hours. Specimen can be stored at 2-8° Celsius for up to 48 hours. If analysis has not been started before 48 hours then the specimen must be frozen.