

# 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
Serum 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:

<b>Therapeutic range:</b>	1.0 to 2.6 nmol/L
<b>Congestive heart failure:</b>	0.6 to 1.0 nmol/L
<b>Toxic:</b>	>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.