



# Test Definition: FRDIG

Digoxin, Free, Serum

**Reporting Title:** Digoxin, Free, S

**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus

## Specimen Requirements:

**Patient Preparation:** For 12 hours before specimen collection do not take multivitamins or dietary supplements containing biotin (vitamin B7), which is commonly found in hair, skin, and nail supplements and multivitamins.

## Collection Container/Tube:

**Preferred:** Serum gel

**Acceptable:** Red top

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 1 mL

## Collection Instructions:

1. Draw blood 6 to 8 hours after last dose of digoxin.
2. Serum gel tubes should be centrifuged within 2 hours of collection.
3. Red-top tubes should be centrifuged, and the serum aliquoted into a plastic vial within 2 hours of collection.

## Forms:

If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

-[Cardiovascular Test Request Form](#) (T724)

-[Therapeutics Test Request](#) (T831)

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	
	Frozen	180 days	

## Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
FRDIG	Digoxin, Free, S	Numeric	ng/mL	3562-6

LOINC® and CPT codes are provided by the performing laboratory.

## Supplemental Report:

No

## CPT Code Information:

80163

## Reference Values:

<16 years:

Therapeutic ranges have not been established for patients who are under 16 years of age. In adults, the suggested serum free digoxin therapeutic range is 0.4-0.9 ng/mL.

Toxic concentration: > or =3.0

> or =16 years:

0.4-0.9 ng/mL

Toxic concentration: > or =3.0 ng/ mL