MAYO CLINIC LABORATORIES

Test Definition: FFT4F

T4, Free, Direct Dialysis

Overview

Useful For

Differential diagnosis of euthyroid hyperthyroxinemia from hyperthyroidism or hypothyroidism

Method Name

Equilibrium Dialysis, Chromatography/Mass Spectrometry

NY State Available

Yes

Specimen

Specimen Type

Serum

Specimen Required

Patient Preparation:

Fasting: 8-16 hours, preferred but not required

Collection Container/Tube:

Preferred: Red top

Acceptable: Serum gel

Submission Container/Tube: Plastic vial

Specimen Volume: 1 mL

Collections Instructions:

1. Centrifuge and aliquot 1 mL of serum into a plastic vial.
2. Send refrigerated.

Specimen Minimum Volume

0.5 mL

Reject Due To

Lipemia	Reject
Heparin plasma	Reject
EDTA plasma	Reject

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container

Serum	Refrigerated (preferred)	14 days	
	Ambient	4 days	
	Frozen	35 days	

Clinical & Interpretive

Reference Values

Prematures, 25-30 weeks:
Birth-7 days: 0.5-3.3 ng/dL

Prematures, 31-36 weeks:
Birth-7 days: 1.3-4.7 ng/dL

Cord Blood, >37 weeks: 1.2-2.2 ng/dL

Birth-4 days: 2.2-5.3 ng/dL
2 months to 2 years: 1.2-2.5 ng/dL
3 to 17 years: 1.0-2.4 ng/dL
Adult: 0.9-2.2 ng/dL

Pregnancy:
First Trimester: 0.9-2.0 ng/dL
Second Trimester: 0.8-1.5 ng/dL
Third Trimester: 0.8-1.7 ng/dL

Performance

PDF Report

No

Day(s) Performed

Monday through Saturday

Report Available

4 to 8 days

Performing Laboratory Location

Quest Diagnostics Nichols Institute

Fees & Codes

Fees

- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

Test Classification

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by FDA. The assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

CPT Code Information

84439

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FFT4F	T4, Free, Direct Dialysis	6892-4

Result ID	Test Result Name	Result LOINC® Value
Z1571	T4, Free, Direct Dialysis	6892-4