



# 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              |