



Test Definition: FFTFT

Testosterone, Free (Dialysis) and Total, MS

Overview

Useful For

Helpful in assessing testicular function in prepubescent hypogonadal males and in managing hirsutism and virilization in females

Method Name

Chromatography/Mass Spectrometry, Equilibrium Dialysis, Calculation (CALC)

NY State Available

Yes

Specimen

Specimen Type

Serum Red

Specimen Required

Collection Container/Tube:

Preferred: Red top

Acceptable: Serum gel

Submission Container/tube: Plastic vial

Specimen Volume: 1.8 mL

Collection Instructions:

1. Allow blood to clot at room temperature. Centrifuge and immediately aliquot 1.8 mL of serum into a plastic vial.
2. Send refrigerate

Specimen Stability Information: Refrigerated (preferred) 21 days/Ambient 7 days/Frozen 2 years

Specimen Minimum Volume

0.9 mL

Reject Due To

| | |
|-----------------|--------|
| Gross hemolysis | Reject |
| Gross lipemia | Reject |

Specimen Stability Information

| Specimen Type | Temperature | Time | Special Container |
|---------------|--------------------------|---------|-------------------|
| Serum Red | Refrigerated (preferred) | 21 days | |

| | | | |
|--|---------|--------|--|
| | Ambient | 7 days | |
| | Frozen | | |

Clinical & Interpretive

Reference Values

TESTOSTERONE, TOTAL, MS

| Age | Males (ng/dL) | Females (ng/dL) |
|-----------------|-----------------|-----------------|
| Cord blood | 17-61 | 16-44 |
| 1-10 days | < or =187 | < or =24 |
| 11-30 days | Not established | Not established |
| 1-2 months | 72-344 | < or =17 |
| 3-4 months | < or =201 | < or =12 |
| 5-6 months | < or =59 | < or =13 |
| 7-11 months | < or =16 | < or =11 |
| 1-5 years | < or =5 | < or =8 |
| 6-7 years | < or =25 | < or =20 |
| 8-10 years | < or =42 | < or =35 |
| 11 years | < or =260 | < or =40 |
| 12-13 years | < or =420 | < or =40 |
| 14-17 years | < or =1000 | < or =40 |
| > or = 18 years | 250-1100 | 2-45 |

TESTOSTERONE, FREE

| Age | Males (pg/mL) | Females (pg/mL) |
|-------------|-----------------|-----------------|
| 0-4 years | Not established | Not established |
| 5-9 years | <5.4 | 0.2-5.0 |
| 10-13 years | 0.7-52.0 | 0.1-7.4 |
| 14-17 years | 18.0-111.0 | 0.5-3.9 |
| 18-69 years | 35.0-155.0 | 0.1-6.4 |
| 70-89 years | 30.0-135.0 | 0.2-3.7 |
| >89 years | Not established | Not established |

Performance

PDF Report

No

Day(s) Performed

Monday through Sunday

Report Available

6 to 9 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. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

CPT Code Information

84402

84403

LOINC® Information

| Test ID | Test Order Name | Order LOINC® Value |
|---------|-----------------------------|--------------------|
| FFTFT | Testosterone Free and Total | Not Provided |

| Result ID | Test Result Name | Result LOINC® Value |
|-----------|--------------------------------|---------------------|
| Z6077 | Testosterone, Total, MS | 2986-8 |
| Z6078 | Testosterone, Free, (Dialysis) | 2991-8 |