MAYO CLINIC LABORATORIES

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