

## Testosterone, Free (Dialysis) and Total, MS

**Explanation:** The following new orderable, referred to Quest Diagnostics Nichols Institute, will be available July 14, 2025.

**Test ID:** FFTFT

**Useful for:**

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

**Methods:**

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

**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

### Specimen Requirements:

#### 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 refrigerated

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

#### Specimen Minimum Volume:

0.9 mL

### Specimen Stability Information:

Specimen Type	Temperature	Time
Serum Red	Refrigerated (preferred)	21 days
	Ambient	7 days

#### Fee:

\$57.00

#### CPT Code:

84402, 84403

**Day(s) Setup:** Monday through Sunday **Report Available:** 9 days

### Questions:

Contact MCS Referrals Supervisors Amy Bluhm or Heather Hilgart at 800-533-1710.