

TESTOSTERONE  
TOTAL -  
PLASMA/  
SERUM

## Orderable - TESTO

Turnaround Time: 5 days

### Specimen:

Adult	Pediatric
4.5 mL Light Green top Vacutainer tube	0-2 years: 0.5 mL Light Green top Microtainer 2-10 years: 3 mL Light Green top Vacutainer tube
Red, Gold, or Lavender (EDTA) top tubes are also acceptable	



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Roche  
Electrochemiluminescence



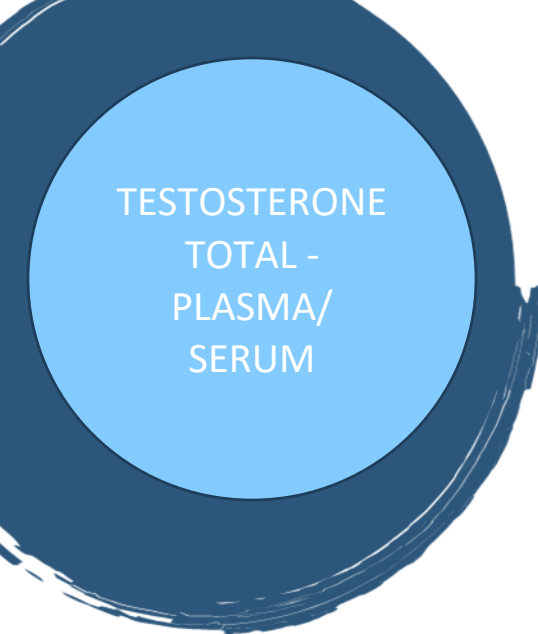
**Test Schedule:**  
As required

### Collection Information:

Minimum volume of plasma or serum required is 700 µL for adult samples or 200 µL for pediatric samples.

### Reference Ranges:

<u>Male:</u>	
Age	nmol/L
0-<6 months*	≤19.0
6 months-<11 years	<0.4
11-<15 years	≤20.0
15-<20 years	1.7-27.0
20-<50 years	8.6-29.0
≥50 years	6.7-25.7
Tanner stage 1	≤1.1
Tanner stage 2	≤13.3
Tanner stage 3	0.7-21.2
Tanner stage 4	4.0-26.0
Tanner stage 5	5.6-33.7


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<b>Female:</b>	
<b>Age</b>	<b>nmol/L</b>
0-<6 months*	≤12.0
6 months-<11 years	<0.4
11-<20 years	≤1.8
20-<50 years	≤1.7
≥50 years	≤1.4
Tanner stage 1	≤0.4
Tanner stage 2	≤0.9
Tanner stage 3	≤1.4
Tanner stage 4	≤2.0
Tanner stage 5	≤2.3
First Trimester of Pregnancy	≤1.5
Second Trimester of Pregnancy	≤1.7
Third Trimester of Pregnancy	≤2.1

\*Reference interval for 0-<6 months is for infants born at term.  
 Reference intervals for adults are based on 6:30 am – 1:00 pm collection times.

Please note new pediatric reference intervals as of January 15, 2024.

### Comments:

Nandrolone (19-nortestosterone) interferes with this assay.

In isolated cases, elevated testosterone levels can be seen in samples from female patients with end stage renal disease (ESRD).

### Storage and Shipment:

Store and ship plasma or serum refrigerated.