

Memo no.: 2026-023
Date: 01-Oct-2026
Memo to: Clients
Re: ***Bioavailable Testosterone Test Revision Eff. 6-Oct-2026***

Effective Tuesday October 6, 2026, St. Michael's Hospital will revise the method for [Bioavailable Testosterone & Total Testosterone, Serum](#) testing. The testosterone method will change from radioimmunoassay (RIA) to liquid chromatography and mass spectrometry with revised reference ranges and test name ("Testosterone – Total and Bioavailable, Serum"). There are no other changes.

Please note that the analysis of standalone Total Testosterone is not being revised.

The website listing will be revised on October 6, 2016.

Revised HL7 Codes (effective October 6, 2026)

Order Choice Name	Testosterone – Total and Bioavailable, Serum	
Order Code	BTTEST	
Result Code	Result Name	Unit
66393	Testosterone, Total	nmol/L
66394	Testosterone, Bioavailable	nmol/L

Bioavailable Testosterone:	
Males	nmol/L
0 up to 20 years	<= 6.80
20 up to 30 years	2.07 - 6.80
30 up to 40 years	1.77 - 6.20
40 up to 50 years	1.47 - 5.60
50 up to 60 years	1.17 - 4.98
60+	0.90 - 4.38
Females	
0 up to 10 years	< 0.10
10 up to 14 years	< 0.20
14 up to 20 years	< 0.40
20+ years	< 0.10

Total Testosterone:	
Males	Ranges
0 to < 1 years	< 15.00
1 to < 9 years	< 1.10
9 to < 11 years	< 14.65
11 to < 12 years	2.20 - 25.75
12 to < 15 years	6.20 - 25.75
15 to < 19 years	6.50 - 29.50
19 to < 50 years	8.60 - 29.00
>= 50 years	6.60 - 25.00
Females	
0 to < 10 years	< 1.02
10 to < 12 years	< 1.11
12 to < 13 years	< 1.53
13 to < 15 years	0.16 - 1.67
15 to < 19 years	0.16 - 2.13
19 to < 50 years	0.29 - 2.41
>= 50 years	0.10 - 2.13

If you have further questions, please contact Client Care at 416-422-3000 ext. 300 or info@iclabs.ca

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