

## Testosterone Metabolites Profile

<b>Doctor ID</b> 6186		<b>Patient Name</b> Doe, John		
<b>Age</b> 44	<b>Sex</b> M	<b>Date of Birth</b> 3/31/1966	<b>Accession #</b> 5005	<b>Test Code</b> 4417
<b>Date Collected</b> 9/20/2010	<b>Date Received</b> 9/29/2010	<b>Date Reported</b>	<b>Tech</b>	
<b>Comments</b>				

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Test	Result (ng/mL)		Male Reference Range (ng/mL)
Androstenedione	0.7		0.5 - 2.2
Testosterone (Te)	9.1	<b>High</b>	2.6 - 8.9
DHT (5 $\alpha$ -Dihydrotestosterone)	0.30		0.24 - 0.84
<i>Te/DHT Ratio</i>	30.3	<b>High</b>	7.9 - 15.2
5 $\alpha$ -Androstane-3 $\beta$ ,17 $\beta$ -diol (3 $\beta$ -Adiol)	1.1	<b>Low</b>	4.0 - 20.2
5 $\alpha$ -Androstane-3 $\alpha$ ,17 $\beta$ -diol (3 $\alpha$ -Adiol)	1.4	<b>Low</b>	2.3 - 10.5
<i>3<math>\beta</math>-Adiol/(DHT + 3<math>\alpha</math>-Adiol) Ratio</i>	0.6	<b>Low</b>	0.8 - 6.5

Tests performed by LC-MS/MS

Clinical Reference: A. G. Oliveira et al., Steroids 72, 914-922 (2007)