

Brigham Research Assay Core (BRAC)  
221 Longwood Avenue  
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Director: Gordon Williams, MD

## Testosterone

Method:	Access Chemluminescent Immunoassay
Kit Manufacturer:	Beckman coulter, Fullerton, CA
Description:	The Access Testosterone assay is a paramagnetic particle, chemiluminescent immunoassay for the quantitative determination of total testosterone levels in human serum and plasma using the Access Immunoassay Systems.

### ***Collection and Performance Characteristics***

Tube type:	Preferred: SST Alternate: Heparin
Minimum Volume:	0.5 mL
Lowest Reportable Value:	10 ng/dL
Dynamic Range:	10-1600 ng/dL
Precision:	Intra-assay variation is 1.67-3.93% Inter-assay variation is 4.22-7.08%
Reference Range:	Males: 175 – 781 ng/dL Females: <10 – 75 ng/dL