

CDC HoSt- Testosterone Certified Procedures (UPDATED 09/2012)

The following laboratories have successfully passed the performance criterion of $\pm 6.4\%$ mean bias to the CDC Testosterone Reference Method in adult male and female serum over the concentration range of 2.50-1,000 ng/dL.

Laboratories are awarded Certificates for successfully completing bias testing using specific methods, reagent lots, calibrator lots and instrumentation. During the year it is the responsibility of the participant to insure that the results of their method remain consistent over time, throughout the year, between lots, and over the measurement range reported. It is not the intent of the CDC HoSt to certify each lot of reagents.

Participant	Measurement Principle	Method Identifier*	Measurement Range (ng/dL)	Participants contact information	Certification Date (active for 1 year)
Endocrine and Metabolic Research Laboratory at Los Angeles Biomedical Research Institute	LC/MS/MS†	TDHT	2.00-2,000	Dr. Christina Wang wang@labiomed.org (310)222-2503	May 2011 May 2012
LabCorp	LC/MS/MS†	#070001 Testosterone, Total, Women, Children, and Hypogonadal Males, LC MS/MS	2.50-5,000 (250,000 with validated dilution)	Dr. Andre Valcour ValcouA@labcorp.com (336)436-3854 Dr. Walt Chandler Chandld@labcorp.com (818)867-1370	Aug 2011 Aug 2012
Boston University Steroid Hormone Assay Laboratory Section of Endocrinology, Diabetes, and Nutrition Boston University School of Medicine, and Boston Medical Center	LC/MS/MS†	Serum Total Testosterone	2.00-4,000	Dr. Shalender Bhasin bhasin@bu.edu (617)414-2950	Aug 2011 Aug 2012
Roche Diagnostics GmbH	Electrochemi-luminescence	Elecsys Cobas E	2.50-1,500	Dr. Dieter Gassner dieter.gassner@roche.com +49-885-660-5372	Aug 2011 Aug 2012
Quest Diagnostics, Nichols Institute, San Juan Capistrano	LC/MS/MS†	Serum Total Testosterone	1.00-2,000	Dr. Nigel Clarke Nigel.J.Clarke@questdiagnostics.com (949) 728-4490	Nov 2011
Mayo Clinic	LC/MS/MS†	Serum Total Testosterone	7.00-2,000	Larry Dodge Dodge.larry@mayo.edu (507)-538-0400 Eric Bro Bro.eric@mayo.edu (507)266-4348	Nov 2011
Covance Central Laboratories Services	LC/MS/MS†	2401-Serum Total Testosterone	2.00-8,000	Cristina Hedin, MSc cristina.hedin@covance.com (317)273-7842	Feb 2012
ARUP Laboratories, Inc.	LC/MS/MS†	Total Testosterone in Serum	1.00-2,500	Jason Sawyer sawyer@aruplab.com (801)583-2787 x3258 Lon Simmons lon.simmoons@arup.com (800)242-2787	May 2012

* Method Identifier is an internal code used to represent the standardized method used by the laboratory or manufacturer.

† LC/MS/MS – Liquid Chromatography Tandem Mass Spectrometry

‡ GC/MS/MS – Gas Chromatography Tandem Mass Spectrometry