

LAB ALERT – NEW TEST**NOTIFICATION DATE: 1/7/2014****EFFECTIVE DATE: 1/21/2014****TESTOSTERONE, TOTAL BY IMMUNOASSAY****NEW TEST CODE:** TESTIM**INTERFACE CODE:** 1004498**OLD TEST CODE TO BE DEACTIVATED:** TEST**OLD INTERFACE CODE TO BE DEACTIVATED:** 1000890**METHODOLOGY:** Chemiluminescent microparticle immunoassay (CMIA)**CLINICAL UTILITY:** Testosterone measurements are used in the diagnosis and treatment of disorders involving the male sex hormones (androgens), including primary and secondary hypogonadism, delayed or precocious puberty, impotence in males.

This test has enhanced analytical sensitivity and therefore it can be used for total testosterone measurement in females. In females, testosterone measurements are used in the diagnosis and treatment of hirsutism (excessive hair) and virilization (masculinization) due to tumors, polycystic ovaries, and adrenogenital syndromes.

Note:

If the testosterone results are inconsistent with clinical evidence, additional testing is suggested to confirm the result.

A strong interaction with D-(-)Norgestrel (1000 ng/mL), 19-nortestosterone (Nandrolone), Ethisterone, 11b-Hydroxytestosterone, and 11-Ketotestosterone was found. Do not use samples from patients receiving these compounds.

PERFORMED: Sunday - Saturday**COLLECTION:** Serum separator tube (gold top preferred), plain red top tube, or lavender top tube (EDTA).**Unacceptable:**

Specimens with the following conditions:

Heat-inactivated

Pooled

Grossly hemolyzed

Obvious microbial contamination

SPECIMEN PREPARATION:	Centrifuge the serum separator tube and transport; if a plain red top tube or lavender top tube, centrifuge and aliquot serum or plasma (Min. 0.4 mL) into a standard transport tube.
STABILITY (FROM COLLECTION TO INITIATION OF TESTING):	After separation from cells: Ambient: 8 hours; Refrigerated (2 – 8°C): 7 days; Frozen (-20°C): Serum and plasma may be stored frozen for longer than 7 days. Specimen should not be subjected to more than 1 freeze thaw cycles.
TRANSPORT:	Refrigerated.
REFERENCE RANGE:	Males: 21 – 49 years of age: 240 – 871 ng/dL ≥ 50 years of age: 221 – 716 ng/dL Females: 21 – 49 years of age: 14 – 53 ng/dL ≥ 50 years of age: 12 – 36 ng/dL
RESULTS REPORTED:	1 day
CPT CODE(S):	84402, 84403
PERFORMING LAB:	med fusion
ORDER/CONTACT INFORMATION:	ClearPoint Client Services: 972-966-7700/Fax: 972-966-7799 Thomas P. Lohmann: 972-966-7135



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