

Patient Information	Specimen Information	Client Information
<b>DOB: AGE:</b> Gender: Phone: Patient ID:	Specimen: Requisition: Lab Ref #: Collected: Received: Reported:	

Test Name	In Range	Out Of Range	Reference Range	Lab
TSH	2.13		0.40-4.50 mIU/L	
DHEA SULFATE	256		38-313 mcg/dL	

DHEA-S values fall with advancing age. For reference, the reference intervals for 31-40 year old patients are:

Male: 106-464 mcg/dL  
 Female: 23-266 mcg/dL

FSH	7.8		1.6-8.0 mIU/mL	
INSULIN	4.0		2.0-19.6 uIU/mL	

This insulin assay shows strong cross-reactivity for some insulin analogs (lispro, aspart, and glargine) and much lower cross-reactivity with others (detemir, glulisine).

LH	3.6		1.5-9.3 mIU/mL	
ESTRADIOL	28		< OR = 39 pg/mL	

Reference range established on post-pubertal patient population. No pre-pubertal reference range established using this assay. For any patients for whom low Estradiol levels are anticipated (e.g. males, pre-pubertal children and hypogonadal/post-menopausal females), the Quest Diagnostics Nichols Institute Estradiol, Ultrasensitive, LC/MS/MS assay is recommended (order code 30289).

Please note: patients being treated with the drug fulvestrant (Faslodex(R)) have demonstrated significant interference in immunoassay methods for estradiol measurement. The cross reactivity could lead to falsely elevated estradiol test results leading to an inappropriate clinical assessment of estrogen status. Quest Diagnostics order code 30289-Estradiol, Ultrasensitive LC/MS/MS demonstrates negligible cross reactivity with fulvestrant.

TESTOSTERONE, FREE (DIALYSIS) AND TOTAL, MS	376		250-1100 ng/dL	
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For additional information, please refer to <http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMSFAQ165> (This link is being provided for informational/educational purposes only.)

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute Chantilly, VA. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

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Test Name	In Range	Out Of Range	Reference Range	Lab
TESTOSTERONE, FREE	52.6		35.0-155.0 pg/mL	

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**PERFORMING SITE:**