

Patient Information

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 ████████████████████ **AGE: 36**
 Gender: M Fasting: Y
 Phone: 216.379.8756
 Patient ID: 100506270
 Health ID: 8573031334277626

Specimen Information

Specimen: PZ644240C
 Requisition: 0000346
 Lab Ref #: 100506270
 Collected: 05/11/2023 / 07:51 EDT
 Received: 05/12/2023 / 04:25 EDT
 Reported: 05/17/2023 / 20:58 EDT

Client Information

Client #: 97555208 MAIL992
 KAVANAGH, PATRICK
 WALK-IN LAB
 PO BOX 898
 AMITE, LA 70422-0898

COMMENTS: FASTING: YES

Test Name	In Range	Out Of Range	Reference Range	Lab
GROWTH HORMONE (GH)	3.4		<=7.1 ng/mL	AMD

Because of a pulsatile secretion pattern, random (unstimulated) growth hormone (GH) levels are frequently undetectable in normal children and adults and are not reliable for diagnosing GH deficiency. Regarding suppression tests, failure to suppress GH is diagnostic of acromegaly.

Typical GH response in healthy subjects: Using the glucose tolerance (GH Suppression) test, acromegaly is ruled out if the patient's GH level is <1.0 ng/mL at any point in the timed sequence. [Katznelson L, Laws Jr ER, Melmed S, et al. Acromegaly: an Endocrine Society Clinical Practice Guideline. J Clin Endocrinol Metab 2014; 99: 3933-3951].

Using GH stimulation testing, the following results at any point in the timed sequence makes GH deficiency unlikely:

- Adults (> or = 20 Years):
 - Insulin Hypoglycemia > or = 5.1 ng/mL
 - Arginine/GHRH > or = 4.1 ng/mL
 - Glucagon > or = 3.0 ng/mL
- Children (< 20 Years):
 - All Stimulation Tests > or = 10.0 ng/mL

TESTOSTERONE, FREE (DIALYSIS) AND TOTAL, MS				AMD
TESTOSTERONE, TOTAL, MS	95 L		250-1100 ng/dL	

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.

TESTOSTERONE, FREE	21.6 L		35.0-155.0 pg/mL	
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PERFORMING SITE:

AMD QUEST DIAGNOSTICS/NICHOLS CHANTILLY, 14225 NEWBROOK DRIVE, CHANTILLY, VA 20151-2228 Laboratory Director: PATRICK W. MASON,MD,PHD, CLIA: 49D0221801