

Patient Information

WILSON, MAEL

DOB: 01/06/1987 AGE: 36

Gender: M

Phone: 216.379.8756

Patient ID: 115587076

Health ID: 8573031334277626

Specimen Information

Specimen: PZ022633C

Requisition: 0003546

Lab Ref #: 115587076

Collected: 02/08/2023 / 08:10 EST

Received: 02/09/2023 / 02:51 EST

Reported: 02/16/2023 / 16:26 EST

Client Information

Client #: 97515592 MAIL992

JOHNS, LISA

WALK-IN LAB-PWN

PO BOX 898

AMITE, LA 70422-0898

Test Name	In Range	Out Of Range	Reference Range	Lab
GROWTH HORMONE (GH)	0.1		<=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		1399 H	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	111.9		35.0-155.0 pg/mL
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