

Sample results. Actual results may vary.

PATIENT INFORMATION

REPORT STATUS: FINAL

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CLIENT INFORMATION



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SPECIMEN INFORMATION

SPECIMEN:

DOB:

REQUISITION:

AGE:

LAB REF NO:

GENDER:

FASTING:

COLLECTED:

Clinical Info:

RECEIVED:

REPORTED:

Test Name	Result	Flag	Reference Range	Lab
FASTING: UNKNOWN				
GROWTH HORMONE (GH)				
GROWTH HORMONE (GH)	7.2		<=10.0 ng/mL	01

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 <0.4 ng/mL at any point in the timed sequence.

Using GH stimulation testing, the following result 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

Children (< 20 Years):

All Stimulation Tests > or = 10.0 ng/mL

Performing Laboratory Information: