

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 11/3/1977  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Growth Hormone, 45 Minutes**

ARUP test code 0070049

Growth Hormone 45 Minutes

13.80 ng/mL

INTERPRETIVE INFORMATION: Growth Hormone 45 Minutes

For pediatric patients, very low peak growth hormone (GH) concentrations on stimulation testing are consistent with severe GH deficiency (GHD). Thresholds distinguishing normal from partial GHD have not been well established. Inadequate response to two different provocative tests is required for diagnosis of GHD. (Grimberg et al. Horm Res Paediatr 2016;86:361-397)

In adults, expected peak GH concentrations depend on the stimulation test performed as described in Endocrine Society guidelines for the evaluation and treatment of adults with GHD (Yuen KCJ et al. Endocr Pract. 2019;25(11):1191-1232).

For suppression testing, healthy subjects have GH concentrations of less than 1 ng/mL within 2 hours of ingestion of a 75 or 100 gram glucose dose. Patients with acromegaly fail to show normal suppression. (Katznelson et al. J Clin Endocrinol Metab, 2014, 99(11):3933-3951).

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Growth Hormone 45 Minutes	20-311-119024	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, \*=Abnormal, C=Critical

Unless otherwise indicated, testing performed at: