Patient Information	Specimen Information	Client Information
DOB: **AGE:** Gender: Phone: Patient ID:	Specimen: Requisition: Lab Ref #: Collected: Received: Reported:	

COMMENTS: FASTING:NO

Test Name	In Range	Out Of Range	Reference Range	Lab
IGF 1, LC/MS	152		83-456 ng/mL	
Z SCORE (MALE)	-0.5		-2.0 - +2.0 SD	

    This test was developed and its analytical performance
characteristics have been determined by Quest Diagnostics
Nichols Institute San Juan Capistrano. It has not been
cleared or approved by FDA. This assay has been validated
pursuant to the CLIA regulations and is used for clinical
purposes.

Test Name	In Range	Out Of Range	Reference Range	Lab
GROWTH HORMONE (GH)		**27.8 H**	< OR = 7.1 ng/mL	

    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 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
        Glucagon   > or = 3.0 ng/mL
      Children (< 20 years):
        All Stimulation Tests > or = 10.0 ng/mL

PERFORMING SITE: