MAYO CLINIC LABORATORIES

Test Definition: FIGF1

IGF-1, LC/MS

Overview

Method Name
Liquid Chromatography Mass Spectrometry (LC/MS)

NY State Available
Yes

Specimen

Specimen Type
Serum

Specimen Required
Collection Container/Tube:
Preferred: Red top
Acceptable: Serum gel
Submission Container/Tube: Plastic vial
Specimen Volume: 0.5 mL Serum
Collections Instructions:
1. Centrifuge and aliquot 0.5 mL of serum into a plastic vial.
2. Send refrigerate.

Specimen Minimum Volume
Serum: 0.3 mL

Reject Due To

Hemolysis	Reject

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	
	Frozen	60 days	

Clinical & Interpretive

Clinical Information
Refer to https://testdirectory.questdiagnostics.com/test/home

Reference Values

Pediatric	Male (ng/mL)	Female (ng/mL)
<1 year	14-142	17-185
1-1.9 years	12-134	15-175
2-2.9 years	12-135	16-179
3-3.9 years	30-155	38-214
4-4.9 years	28-181	34-238
5-5.9 years	31-214	37-272
6-6.9 years	38-253	45-316
7-7.9 years	48-298	58-367
8-8.9 years	62-347	76-424
9-9.9 years	80-398	99-483
10-10.9 years	100-449	125-541
11-11.9 years	123-497	152-593
12-12.9 years	146-541	178-636
13-13.9 years	168-576	200-664
14-14.9 years	187-599	214-673
15-15.9 years	201-609	218-659
16-16.9 years	209-602	208-619
17-17.9 years	207-576	185-551

Adult	(ng/mL)
18-19.9 years	108-548
20-24.9 years	83-456
25-29.9 years	63-373
30-39.9 years	53-331
40-49.9 years	52-328
50-59.9 years	50-317
60-69.9 years	41-279
70-79.9 years	34-245
>80 years	34-246

Z-Score (Male and Female): -2.0 to +2.0 SD

Pediatric Tanner Stages: See Laboratory Report

Performance

PDF Report
No

Day(s) Performed
Monday through Sunday

Report Available
3 to 8 days

Performing Laboratory Location
Quest Diagnostics Nichols Institute

Fees & Codes

Fees
- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

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

CPT Code Information
84305

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FIGF1	IGF-1, LC/MS	Not Provided

Result ID	Test Result Name	Result LOINC® Value
Z6379	IGF-1, LCMS	2484-4
Z6380	Z-Score (Female)	73561-3
Z6381	Z-Score (Male)	73561-3