

Reporting Title: IGF-1, LC/MS**Performing Location:** Quest Diagnostics Nichols Institute**Specimen Requirements:**

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

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z6379	IGF-1, LCMS	Alphanumeric		2484-4
Z6380	Z-Score (Female)	Alphanumeric		73561-3
Z6381	Z-Score (Male)	Alphanumeric		73561-3

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code: 1 × 84305

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