



## Insulin-Like Growth Factor-1, Mass Spectrometry, Serum

**Test ID:** IGFMS

**Explanation:** Due to assay issues impacting IGFMS, testing continues to be non-orderable.

**Note:**

The referral option shown below is the new built-code equivalent for the ZW131/16293 referral option that was previously provided when testing was taken down. Client price honoring will continue 30 days from the original notice.

**Recommended Alternative Test:**

### IGF-1, LC/MS

**Test ID:** FIGF1

**Methods:**

Liquid Chromatography/Mass Spectrometry (LC/MS)

**Reference Values:**

Pediatric	Male (ng/mL)	Female (ng/mL)
<1 Years	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

<b>Adult</b>	<b>(ng/mL)</b>
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) -2.0 - +2.0 SD

Z-Score (Female) -2.0 - +2.0 SD

**Pediatric Tanner Stages** See Laboratory Report

### Specimen Requirements:

**Specimen:** Serum

**Preferred:** Red Top

**Acceptable:** Serum Gel

**Submission Container:** Plastic Vial

**Specimen Volume:** 0.5 mL

**Collection Instructions:**

1. Draw blood in a plain red-top tube(s), serum gel tube(s) is acceptable.
2. Centrifuge and aliquot 0.5 mL of serum into a plastic vial.
3. Send refrigerate.

**Minimum Volume:** 0.3 mL

### Specimen Stability Information:

<b>Specimen Type</b>	<b>Temperature</b>	<b>Time</b>
Serum	Refrigerated	7 days
	Frozen	60 days

### CPT Code:

84305

**Day(s) Performed:** Monday through Sunday

**Report Available:** 4-8 days

**Fee:** \$62.50

### Questions

Contact Joshua Yang, Laboratory Technologist Resource Coordinator at 800-533-1710.