Overview

Method Name
Direct Enzyme Immunoassay (EIA)

NY State Available
No

Specimen

Specimen Type
Serum

Specimen Required
Patient preparation
Patient should not be on any medications that may influence pituitary secretion.

Serum

Specimen Type: Serum

Container/Tube: Red top or SST

Specimen Volume: 3 mL

Collection Instructions: Draw blood in a plain, red-top tube(s), serum-gel tube(s) is acceptable. Separate immediately and send 3 mL of serum frozen in a plastic vial.

Specimen Minimum Volume
1 mL

Reject Due To

<table>
<thead>
<tr>
<th>Specimen</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hemolysis</td>
<td>Mild reject; Gross reject</td>
</tr>
<tr>
<td>Lipemia</td>
<td>Mild reject; Gross reject</td>
</tr>
<tr>
<td>Icterus</td>
<td>Mild reject; Gross reject</td>
</tr>
<tr>
<td>Other</td>
<td>Specimens other than listed. Test is strict frozen</td>
</tr>
</tbody>
</table>

Specimen Stability Information

<table>
<thead>
<tr>
<th>Specimen Type</th>
<th>Temperature</th>
<th>Time</th>
<th>Special Container</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serum</td>
<td>Frozen</td>
<td>90 days</td>
<td></td>
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</tbody>
</table>

Clinical and Interprete
**Clinical Information**

Growth Hormone Releasing Hormone is a 44 amino acid peptide produced primarily by the hypothalamus. It is a neurohumoral control for adenohypophyseal secretion of Growth Hormone. Other hypothalamic hormones have a stimulatory effect on pituitary hormones, but Growth Hormone Releasing Hormone has no known effect on other pituitary hormones. Somatostatin is the inhibitory counterpart of Growth Hormone Releasing Hormone. Growth Hormone Releasing Hormone has structural similarities with the Secretin-Glucagon family of gastrointestinal hormones. Growth Hormone Releasing Hormone has been isolated from pancreatic islet cells and various cancer tumor cells.

**Reference Values**

Levels of IR-GH-RH

Baseline ranges: 5 - 18 pg/mL

**Performance**

**PDF Report**

No

**Day(s) and Time(s) Test Performed**

Monday through Friday

**Analytic Time**

10 days

**Maximum Laboratory Time**

12-14 days

**Performing Laboratory Location**

Inter Science Institute

**Fees and 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 Regional Manager. For assistance, contact Customer Service.

**Test Classification**

This test was performed using a kit that has not been cleared or approved by the FDA and is designated as research use only. The analytic performance characteristics of this test have been determined by Inter Science Institute. This test is not intended for diagnosis or patient management decisions without confirmation by other medically established means.

**CPT Code Information**

83520

**LOINC® Information**
<table>
<thead>
<tr>
<th>Test ID</th>
<th>Test Order Name</th>
<th>Order LOINC Value</th>
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<tbody>
<tr>
<td>FIRGH</td>
<td>Growth Hormone Releasing Hormone</td>
<td>14177-0</td>
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<table>
<thead>
<tr>
<th>Result ID</th>
<th>Test Result Name</th>
<th>Result LOINC Value</th>
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<tbody>
<tr>
<td>Z0926</td>
<td>Growth Hormone Releasing Hormone</td>
<td>14177-0</td>
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