Lab Dept: Chemistry

Test Name: GROWTH HORMONE BINDING PROTEIN

General Information

Lab Order Codes: GHB

Synonyms: GHBP

CPT Codes: 83519 - Immunoassay, analyte, quantitative; by radiopharmaceutical technique

Test Includes: N/A

Logistics

Test Indications: N/A

Lab Testing Sections: Chemistry - Sendouts

Referred to: Esoterix, Inc (Test# 500209)

Phone Numbers:
MIN Lab: 612-813-6280
STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 3 – 16 days, test performed once per week

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: SST (Gold, marble or red)

Draw Volume: 3 mL (Minimum: 0.6 mL) blood

Processed Volume: 1 mL (Minimum: 0.2 mL) serum

Note: Minimum does not permit repeat analysis

Collection: Routine venipuncture
**Special Processing:** Lab Staff: Centrifuge specimen within 1 hour of draw, remove serum aliquot into a screw-capped round bottom plastic vial. Store and ship at frozen temperatures. Forward promptly.

**Patient Preparation:** None

**Sample Rejection:** Mislabeled or unlabeled specimens

### Interpretive

#### Reference Range:

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Reference Range</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Children:</strong></td>
<td></td>
</tr>
<tr>
<td>&lt; 1 years</td>
<td>&lt; 125 - 762 pmol/L</td>
</tr>
<tr>
<td>2 - 9 years</td>
<td>267 - 1638 pmol/L</td>
</tr>
<tr>
<td>10 - 14 years</td>
<td>431 - 1892 pmol/L</td>
</tr>
<tr>
<td><strong>Adults:</strong></td>
<td></td>
</tr>
<tr>
<td>20 - 50 years</td>
<td>686 - 2019 pmol/L</td>
</tr>
</tbody>
</table>

#### Critical Values:

N/A

#### Limitations:

N/A

#### Methodology:

Ligand-mediated binding assay

#### References:

[Esoterix, Inc. Laboratory Services](#) October 2016

#### Updates:

10/7/2016: Collection tube update.