**GASTRIN, SERUM**

**Orderable - GAST**

**Turn Around Time:** 10 days

**Specimen:**

<table>
<thead>
<tr>
<th></th>
<th>Adult</th>
<th>Pediatric</th>
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<tbody>
<tr>
<td></td>
<td>5 mL Gold top Vacutainer tube</td>
<td>2-10 years: 3 mL Gold top</td>
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<tr>
<td></td>
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<td>Vacutainer tube</td>
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**Collection Information:**

It is **RECOMMENDED** that patient be fasting for a minimum of 12 hours.

Minimum volume of serum required is 1 mL.

Grossly hemolyzed or lipemic specimens are unacceptable for analysis.

**Reference Ranges:**

< 100 ng/L

**Special Processing:**

Allow blood to clot at room temperature and separate **WITHIN** 30 minutes by centrifugation. Transfer serum to a labelled tube, cap tightly, and freeze.

**Comments:**

Main use is to diagnose Zollinger-Ellison syndrome (gastrinoma).

Elevated levels also occur with pernicious anemia, atrophic gastritis, previous vagotomy, renal failure, or use of acid suppressing drugs such as histamine H$_2$-receptor antagonists or proton pump inhibitors.

**Storage and Shipment:**
Store and ship serum frozen.