

Reporting Title: Gastrin, S**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive**Specimen Requirements:****Patient Preparation:****1. Fasting: 12 hours, required**

2. For 12 hours before specimen collection, patient **should not** take multivitamins or dietary supplements (eg, hair, skin, and nail supplements) containing biotin (vitamin B7).

3. For 1 week before specimen collection, if medically feasible, patient **should not** take proton pump inhibitors (omeprazole, lansoprazole, dexlansoprazole, esomeprazole, pantoprazole, and rabeprazole).

4. For at least 2 weeks before specimen collection, patient **should not** take or receive drugs that interfere with gastrointestinal motility (eg, opioids).

Collection Container/Tube:**Preferred:** Serum gel**Acceptable:** Red top**Submission Container/Tube:** Plastic vial**Specimen Volume:** 1 mL**Collection Instructions:**

1. If multiple specimens are collected, submit each vial under a separate order.

2. Label specimens with corresponding collection time.

3. Centrifuge at within 2 hours of collection. Refrigerated centrifugation is preferred but not required. Immediately aliquot serum into plastic vial.

Forms:

If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

-[Oncology Test Request Form](#) (T729)

-[Benign Hematology Test Request Form](#) (T755)

Specimen Type	Temperature	Time	Special Container
Serum	Frozen (preferred)	30 days	
	Refrigerated	24 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
GAST	Gastrin, S	Numeric	pg/mL	2333-3

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

82941

Reference Values:

<100 pg/mL

There is no evidence that fasting serum gastrin levels differ between adults and children. Although 8-hour fasts are difficult or impossible to enforce in small children, serum gastrin levels after shorter fasting periods (3-8 hours) may be 50% to 60% higher than the 8-hour fasting value.

For International System of Units (SI) conversion for Reference Values, see www.mayocliniclabs.com/order-tests/si-unit-conversion.html.