

Reporting Title: Gastrin, S
Performing Location: Rochester

Specimen Requirements:

Patient Preparation:

- 1. Fasting (8 hours) required
- 2. For 12 hours before specimen collection, do not take multivitamins or dietary supplements containing biotin (vitamin B7), which is commonly found in hair, skin, and nail supplements and multivitamins.
- 3. If medically feasible, proton pump inhibitor (omeprazole, lansoprazole, dextansoprazole, esomeprazole, pantoprazole, and rabeprazole) therapy should be discontinued 1 week before measurement of serum gastrin levels.
- 4. Drugs that interfere with gastrointestinal motility (eg, opioids) should be discontinued for at least 2 weeks before serum gastrin testing.

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 refrigerated temperature within 2 hours of collection and 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 SI unit Reference Values, see www.mayocliniclabs.com/order-tests/si-unit-conversion.html