

**Reporting Title:** Ghrelin Total, Plasma**Performing Location:** Inter Science Institute**Specimen Requirements:**

Patient preparation: Patient should be fasting 10 - 12 hours prior to collection of specimen. Patient should not be on any medications or supplements that may influence: Cholecystokinin (CCK), Glucose, Growth Hormone, Insulin and/or Somatostatin levels, if possible for at least 48 hours prior to specimen collection.

Specimen Type: GI Plasma

Container/Tube: Special tube containing G.I. Preservative (MCL supply number T125).

Specimen Volume: 3-5 mL

Collection Instructions: Draw 10 mL of blood in special tube containing G.I. Preservative (MCL supply number T125).

Specimen should be separated in refrigerated centrifuge as soon as possible and send 3-5 mL plasma frozen. Ship frozen.

**Specimen Minimum Volume:**

1 mL

Specimen Type	Temperature	Time	Special Container
GI Plasma	Frozen	180 days	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
Z4193	Ghrelin Total, Plasma	Alphanumeric	pg/mL	76474-6

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

83520

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**Reference Values:**

GHRELIN (Total): pg/mL

(Plasma)

Adult Reference Range(s)

Normal weight/control subjects: 520 - 700 pg/mL

Obese subjects prior to diet: 340 - 450 pg/mL

Levels:

8:00 am - 12:00 pm: Up to 420 pg/mL

6:00pm: Up to 480 pg/mL

Obese subjects post induced weight loss: 450 - 600 pg/mL

Levels:

8:00 am - 12:00 pm: Up to 575 pg/mL

6:00 pm: Up to 600 pg/mL

Obese subjects post gastric-bypass surgery: Up to 120 pg/mL