

---

**Lab Dept:** Chemistry

**Test Name:** GGT

---

***General Information***

**Lab Order Codes:** GGT

**Synonyms:** Gamma Glutamyltransferase; Gamma GT

**CPT Codes:** 82977–Glutamyltransferase, gamma

**Test Includes:** Gamma GT concentration reported in U/L.

---

***Logistics***

**Test Indications:** Increases in GGT usually result from diseases of the liver, especially diseases associated with obstruction of the flow of bile.

**Lab Testing Sections:** Chemistry

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 2 hours

**Special Instructions:** N/A

---

***Specimen***

**Specimen Type:** Blood

**Container:** Green top (Li Heparin) tube **preferred**  
Alternate tube: Red, marble or gold top tube

**Draw Volume:** 0.6 mL blood

**Processed Volume:** 0.2 mL serum/plasma

**Collection:** Routine blood collection. Mix tubes containing anticoagulant by gentle inversion.

<b>Special Processing:</b>	Lab Staff: Centrifuge specimen, remove serum/plasma aliquot into plastic sample cup. Analyze sample immediately or store at refrigerated temperatures. Avoid prolonged contact with red cells.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Mislabeled or unlabeled specimen

---

### ***Interpretive***

<b>Reference Range:</b>	Males: 15 – 85 U/L  Females: 5 – 55 U/L
<b>Critical Values:</b>	N/A
<b>Limitations:</b>	N/A
<b>Methodology:</b>	Enzymatic 37°C
<b>References:</b>	GGT Flex® reagent cartridge insert sheet Siemens Healthcare Diagnostics Inc., Newark, DE 19714 (2013-07-05) PN 781045.001, Rev E  Siemens Dimension Vista system ENZ 1 CAL product insert, Siemens Healthcare Diagnostics Inc, Newark, DE 19714m OB 751310.001-US, Issue date 03/2014 Rev F  Jacobs & DeMott Laboratory Test Handbook, Lexi-Comp, Inc, Hudson, OH, 5th Edition, 2001  ©2001-2006 American Association for Clinical Chemistry Lab Tests Online
<b>Updates:</b>	2/8/2016: Update alt tube types