

Gamma-Glutamyl Transferase (GGT) (GGT)

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TEST OVERVIEW

Test Name	Gamma-Glutamyl Transferase (GGT)
Test Code	GGT
Short Description	GGT

OVERVIEW

Test Name	Gamma-Glutamyl Transferase (GGT)
Test Code	GGT
Category	Biochemistry
TAT	Main Lab: 6 Hour(s) Family Site: <8hrs
Specimen(s)	1 x Venous blood - 5 mL Tube - Gold - SST-Serum Separator Tube

SPECIMEN(S)

SST-Serum Separator Tube

Specimen Type	SST-Serum Separator Tube
Specimen Format	Tube
Specimen Colour	Gold
Specimen Volume	5 mL
Sampling Order	2
Origin	Venous blood
Collection time after baseline	-
Transport Temperature	15-25°C
Accepted Other Specimens	Lithium Heparin Plasma Sodium Heparin Plasma Serum

	EDTA Plasma
TAT	Main Lab: 6 Hour(s) Family Site: <8hrs
Test Stability	Room Temp: 7 Day(s) 2–8°C: 7 Day(s)

CLINICAL INFORMATION

G-Glutamyl Transferase (GGT)

Methodology	L-gamma-glutamyl-3-carboxy-4-nitroanilide-substrate
Specimen Type	SST-Serum Separator Tube
Delay before pre-treatment	24
Transport Temperature	15-25°C
Transport Stability at room temp	7 Day
Transport Stability at 2–8°C	7 Day
Haemolysis interference	Yes

Clinical Interest

Gamma-glutamyl transferase (GGT) assays are clinically significant for diagnosing and monitoring liver and bile duct diseases, among other conditions.

GGT is an enzyme found in high concentrations in the liver and can indicate liver damage or disease such as hepatitis (viral or alcoholic), Cirrhosis, primary or metastatic liver tumours steatosis or steatohepatitis.

GGT is particularly useful in diagnosing conditions affecting the bile ducts as cholestasis, biliary atresia or cholangitis. GGT is a sensitive marker for chronic alcohol use and liver damage due to alcohol

PATIENT INFORMATION

Clinical Information Required	-
Patient Collection Notes	-

COMMENTS & NOTES

LOINC Code	24-2, 2324-2
Outwork	No