Alanine Aminotransferase (ALT) (ALT)

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TEST OVERVIEW

Test Name	Alanine Aminotransferase (ALT)
Test Code	ALT
Short Description	GPT/ALT

OVERVIEW

Test Name	Alanine Aminotransferase (ALT)
Test Code	ALT
Category	Biochemistry
TAT	Main Lab: 6, Hour(s) Family Site: <8hrs, <6hrs
Specimen(s)	1 x Venous blood - 5 mL Tube - Gold - SST

SPECIMEN(S)

SST

Specimen Type	SST
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 Serum

TAT	Main Lab: 6, Hour(s) Family Site: <8hrs, <6hrs
Test Stability	Room Temp: 3 Day(s) 2–8°C: 7 Day(s)

CLINICAL INFORMATION

Alanine Aminotransferase (ALT/SGPT)

Methodology	-
Specimen Type	SST
Delay before pre-treatment	24
Transport Temperature	15-25°C
Transport Stability at room temp	3 Day
Transport Stability at 2–8°C	7 Day
Haemolysis interference	No

Clinical Interest

Alanine Aminotransferase (ALT), also referred to as glutamate pyruvate transaminase (GPT), is an enzyme involved in amino acid metabolism. It is found in many tissues, but the highest levels are found in liver and kidney tissues. Tissue destruction leads to the release of the intracellular enzyme into the circulating blood. Markedly elevated serum ALT levels may be found in a variety of diseases which involve the liver, such as hepatitis, mononucleosis, and cirrhosis.

These very high levels of ALT are not usually observed in other disease processes, e.g., myocardial infarction; thus, ALT is regarded as a reasonably specific indicator of liver disease"

PATIENT INFORMATION

Clinical Information Required	-
Patient Collection Notes	-

COMMENTS & NOTES

LOINC Code	44-2, 1744-2, 1743-4
Outwork	No