

ALT (SGPT)

Test ID: 4048

CPT: 84460

Clinical Significance:

Alanine aminotransferase (ALT) is present primarily in liver cells. In viral hepatitis and other forms of liver disease associated with hepatic necrosis, serum ALT is elevated even before the clinical signs and symptoms of the disease appear. Although serum levels of both aspartate aminotransferase (AST) and ALT become elevated whenever disease processes affect liver cell integrity, ALT is a more liver-specific enzyme. Serum elevations of ALT are rarely observed in conditions other than parenchymal liver disease. Moreover, the elevation of ALT activity persists longer than does AST activity.

Profile Components:



Labtech Diagnostics

Container:

Serum Separator Tube (SST®)

Transport Temperature:

Room temperature

Specimen:

Serum

Specimen Stability:

Room temperature: 7 days

Refrigerated: 14 days

Reject Criteria:

Gross hemolysis; excessive lipemia; improper labeling

Days Performed:

Mon-Sat

Collection Instructions:

Separate serum or plasma from cells within 45 minutes of collection.

Maintain specimen at room temperature.