

## 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.

### Test Details

#### Components:

**Methodology:** Spectrophotometry

### Reference Range

0-44 U/L<sup>TM</sup>

### Container

Serum Separator Tube (SST)

### Transport Temperature

Room temperature

### Specimen(s)

Serum

### Specimen Stability

Room temperature: 3 days  
Refrigerated: 7 days  
Frozen: 30 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.

\*The CPT codes provided are based on AMA guidance and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.