

# AST (SGOT)

Test ID: 4046

CPT: 84450

## Clinical Significance:

AST is widely distributed throughout the tissues with significant amounts being in the heart and liver. Lesser amounts are found in skeletal muscles, kidneys, pancreas, spleen, lungs, and brain. Injury to these tissues results in the release of the AST enzyme to general circulation. In myocardial infarction, serum AST may begin to rise within 6-8 hours after onset, peak within two days and return to normal by the fourth or fifth day post infarction. An increase in serum AST is also found with hepatitis, liver necrosis, cirrhosis, and liver metastasis.

## Profile Components:



# Labtech Diagnostics

### Container:

Serum Separator Tube (SST®)

### Transport Temperature:

Room Temperature

### Specimen:

Serum

### Specimen Stability:

Room temperature: 7 days  
Refrigerated: 14 days  
Frozen: 14 days

### Reject Criteria:

Hemolysis • Anticoagulants other than heparin

### Days Performed:

Mon-Sat

## Collection Instructions:

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