

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.

Test Details

Components:

Methodology: Spectrophotometry

Reference Range

See Laboratory Report

Container

Serum Separator Tube (SST)

Transport Temperature

Room Temperature

Specimen(s)

Serum

Specimen Stability

Room temperature: 4 days
Refrigerated: 7 days
Frozen: 30 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.

*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.