

# Actin (Smooth Muscle) Antibody IgG

Test ID: 15043

CPT: 83516

## Clinical Significance:

Actin is the major antigen to which smooth muscle antibodies react in autoimmune hepatitis. F-Actin IgG antibodies are found in 52-85 percent of patients with autoimmune hepatitis (AIH) or chronic active hepatitis and in 22 percent of patients with primary biliary cirrhosis (PBC). Anti-actin antibodies have been reported in 3-18 percent of sera from normal healthy controls.

## Profile Components:



# Labtech Diagnostics

### Container:

Serum Separator Tube (SST®)

### Transport Temperature:

Room temperature

### Specimen:

Serum

### Specimen Stability:

Room Temperature: 8 hours  
Refrigerated: 2 days  
Frozen: 1 month

### Reject Criteria:

- Gross hemolysis
- Gross icterus
- Gross lipemia
- Heat-inactivated samples
- Contaminated samples
- Samples with visible particulate matter

### Days Performed:

Tue, Fri

## Collection Instructions:

1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Clearly label tube as serum. Freeze.

When multiple tests are ordered, submit a separate tube for this test.