

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 7/20/1942  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**F-Actin (Smooth Muscle) Antibody, IgG by ELISA with Reflex to Smooth Muscle Antibody, IgG Titer**

ARUP test code 0051174

F-Actin (Smooth Muscle) Ab, IgG by ELISA

**36 Units H (Ref Interval: 0-19)**

REFERENCE INTERVAL: F-Actin (Smooth Muscle) Antibody, IgG by ELISA

19 Units or less ..... Negative  
20 - 30 Units ..... Weak Positive-Suggest repeat testing in two to three weeks with fresh specimen.  
31 Units or greater..... Positive-Suggestive of autoimmune hepatitis type 1 or chronic active hepatitis.

F-actin IgG antibodies have been shown to have increased sensitivity for autoimmune hepatitis (AIH) but lower specificity than smooth muscle antibodies (SMA). F-actin IgG antibodies can also be seen in SMA-negative disease controls (non-AIH), especially in patients with primary biliary cirrhosis and chronic hepatitis C infections. Some patients with AIH may be SMA-positive but negative for F-actin IgG. Consider testing for SMA by IFA if suspicion for AIH is strong.

**Smooth Muscle Antibody, IgG Titer**

ARUP test code 0051244

Smooth Muscle Ab, IgG Titer

**<1:20 (Ref Interval: <1:20)**

INTERPRETIVE INFORMATION: Smooth Muscle Ab, IgG Titer

Less than 1:20 ..... Negative - No antibody detected.  
1:20 - 1:80 ..... Weak Positive - Suggest repeat in two to three weeks with fresh specimen.  
1:160 or greater ..... Positive - Suggestive of autoimmune hepatitis or chronic active hepatitis.

**H=High, L=Low, \*=Abnormal, C=Critical**

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
F-Actin (Smooth Muscle) Ab, IgG by ELISA	21-022-107118	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Smooth Muscle Ab, IgG Titer	21-022-107118	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, \*=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 21-022-107118  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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