



# Test Definition: FSLAA

Soluble Liver Antigen (SLA) Autoantibody

## Overview

### Method Name

Enzyme Linked Immunosorbent Immunoassay (ELISA)

### NY State Available

Yes

## Specimen

### Specimen Type

Serum

### Specimen Required

**Specimen Type:** Serum

**Container/Tube:** Red or SST

**Specimen Volume:** 1 mL

**Collection Instructions:** Draw blood in a plain red-top tube(s), serum gel tube(s) is acceptable. Spin down and send 1 mL of serum refrigerated in a plastic vial.

### Specimen Minimum Volume

0.3 mL

### Reject Due To

Hemolysis	Mild OK; Gross reject
Lipemia	Mild OK; Gross reject
Icterus	NA
Other	Microbially contaminated serum; Heavy visible particulate in specimen

### Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	8 days	
	Ambient	48 hours	
	Frozen	28 days	

## Clinical & Interpretive

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**Clinical Information**

Anti-soluble liver antigen antibodies are detected in 10-30% of patients with type 1 autoimmune hepatitis (AIH), but not in patients with type 2 AIH, primary sclerosing cholangitis or primary biliary cirrhosis. The antibody is directed against a UGA suppressor tRNA associated protein. In some patients with AIH, this antibody may be the only autoantibody detected by current assays.

**Reference Values**

Negative 0.0-20.0 U  
Equivocal 20.1-24.9 U  
Positive >25.0 U

Antibodies to soluble liver antigen (SLA) appear to be directed against the UGA-suppressor tRNA associated protein. These antibodies are highly specific for autoimmune hepatitis (AIH) and may rarely, be the only autoantibodies detected in serum from such patients. Antibodies to SLA are most closely associated with AIH type 1; the presence of these antibodies in patients with cryptogenic hepatitis suggests that these patients may have AIH type 1.

Anti-SLA antibodies may be detected in some patients with the primary biliary cirrhosis-AIH overlap syndrome, but not in healthy controls.

**Performance****PDF Report**

No

**Day(s) Performed**

Wednesday

**Report Available**

2 to 13 days

**Performing Laboratory Location**

Quest Diagnostics Nichols Institute

**Fees & Codes****Fees**

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

**CPT Code Information**

83520

**LOINC® Information**

Test ID	Test Order Name	Order LOINC® Value
FSLAA	SLA Autoantibody	32219-8

Result ID	Test Result Name	Result LOINC® Value
FSLAA	SLA Autoantibody	32219-8