

Reporting Title: SLA Autoantibody

Performing Location: Quest Diagnostics Nichols Institute

Specimen Requirements:

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.

Forms:

If not ordering electronically, complete, print, and send [Gastroenterology and Hepatology Test Request](#) (T728) with the specimen.

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
FSLAA	SLA Autoantibody	Alphanumeric		32219-8

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

83520

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.

