

Overview

**Method Name**  
Enzyme-linked immunosorbent assay (ELISA)

**NY State Available**  
Yes

Specimen

**Specimen Type**  
Serum

**Specimen Required**  
**Collection Container/Tube:** 5 mL Red  
**Submission Container/Tube:** Plastic vial  
**Specimen Volume:** 1 mL  
**Acceptable:** SST  
**Collection Instructions:** Draw blood in a plain red-top tube(s), serum gel tube is acceptable. Spin down and send 1 mL of serum refrigerated in a plastic vial.

**Specimen Minimum Volume**  
0.5 mL (volume does NOT allow for repeat testing)

Reject Due To

Gross hemolysis:	Reject
Thawing:	Warm OK; Cold OK
Gross lipemia:	Reject
Gross icterus	Reject
Other:	Anything other than serum; bacterial contamination

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	14 days	
	Ambient	7 days	
	Frozen	60 days	

## Clinical & Interpretive

### Clinical Information

Anti-SAE 1 IgG autoantibody can be used to assist in the diagnoses and characterization of a subset of dermatomyositis (DM). It is highly specific for DM (>95%) and is present in 5-8% of the European DM population.

Initial disease onset may consist of mild myopathic features with severe skin involvement; however, extensive myalgia and muscle disease with weakness can appear as the disease progresses. It is associated with dysphagia and systemic symptoms (i.e. fevers, weight loss, increased inflammatory markers). In one cohort, an association with ILD and cancer had been found.

### Reference Values

Reference Range: <20

### Interpretation:

- Negative: <20 units
- Weak Positive: 20-39 units
- Moderate Positive: 40-80 units
- Strong Positive: >80 units

## Performance

### PDF Report

No

### Day(s) Performed

Monday through Friday

### Report Available

12 to 16 days

### Performing Laboratory Location

Esoterix Endocrinology

## 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](#).

Test Classification

This test was developed and its characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration.

CPT Code Information

83516

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FAS1A	Anti-SAE1 Ab, IgG	101220-2

Result ID	Test Result Name	Result LOINC® Value
FAS1A	Anti-SAE1 Ab, IgG	101220-2