MAYO CLINIC LABORATORIES

Test Definition: FMYO3

MyoMarker 3 Profile

Overview

Method Name
Enzyme-linked immunosorbent assay (ELISA); RIPA Gel Radiography

NY State Available
Yes

Specimen

Specimen Type
Serum

Specimen Required
Collection Container/Tube: 10 mL Red
Submission Container/Tube: Plastic vial
Specimen Volume: 5 mL
Acceptable: SST
Collection Instructions: Draw blood in a plain red-top tube(s), serum gel tube is acceptable. Separate serum from cells within 1 hour of collection and send 5 mL of serum refrigerated in a plastic vial.

Specimen Minimum Volume
4 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

The idiopathic inflammatory myopathies (IIM) are a heterogeneous group of disorders characterized by muscle weakness, resulting from chronic muscle inflammation of unknown cause. Patients with IIM have a variety of autoantibodies with various clinical utilities that fall into two main groups. One group of autoantibodies are found in patients with myositis and are known as Myositis Specific Autoantibodies (MSA). The MSAs are highly specific for patients with polymyositis (PM) dermatomyositis (DM), anti-synthetase syndrome and necrotizing myositis. The second group of autoantibodies are considered Myositis Associated Autoantibodies (MAA). These appear in myositis overlap syndrome and in other connective tissue diseases, which correlate with certain clinical and/or pathophysiological conditions.

Reference Values

Anti-PL-7 Ab, Anti-PL-12 Ab, Anti-EJ Ab, Anti-OJ Ab, Anti-SRP Ab, Anti-Mi-2-Ab, Anti-U3 RNP (Fibrillarin), Anti-U2 RNP Ab, Anti-Ku Ab:
Reference Range: Negative

Interpretation for:
Anti-Jo-1 Ab, Anti-TIF-1gamma Ab, Anti-MDA-5-Ab (CADM-140), Anti-NXP-2 (P140) Ab, Anti-PM/Scl-100 Ab, Anti-SS-A 52kD Ab IgG, Anti-U1-RNP Ab:
Reference Range: <20
Negative: <20 units
Weak Positive: 20-39 units
Moderate Positive: 40-80 units
Strong Positive: >80 units

Performance

PDF Report

No

Report Available

16 to 25 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 performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration.

CPT Code Information

83516 x 9
86235 x 7

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FMYO3	MyoMarker 3 Profile	Not Provided

Result ID	Test Result Name	Result LOINC® Value
Z5677	Anti-Jo-1 Ab	35333-4
Z5678	Anti-PL-7 Ab	33772-5
Z5679	Anti-PL-12 Ab	33771-7
Z5680	Anti-EJ Ab	45149-2
Z5681	Anti-OJ Ab	45152-6
Z5682	Anti-SRP Ab	33921-8
Z5683	Anti-Mi-2-Ab	18485-3
Z5684	Anti-TIF-1gamma Ab	88739-8
Z5685	Anti-MDA-5 Ab (CADM-140)	88725-7
Z5686	Anti-NXP-2 (P140) Ab	82425-0
Z5687	Anti-PM/Scl-100 Ab	31562-2
Z5688	Anti-U3 RNP (Fibrillarin)	49963-2
Z5689	Anti-U2 RNP Ab	68549-5
Z5690	Anti-U1 RNP Ab	57662-9
Z5691	Anti-Ku Ab	18484-6
Z5692	Anti-SS-A 52kD Ab, IgG	70257-1