

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

Physician: Doctor, Example

**Patient: Patient, Example**

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

**Dermatomyositis and Polymyositis Panel**

ARUP test code 3001783

Jo-1 (Histidyl-tRNA Synthetase) Ab, IgG	<b>165 AU/mL H</b>	(Ref Interval: 0-40)
INTERPRETIVE INFORMATION: Jo-1 Antibody, IgG		
29 AU/mL or less.....Negative 30-40 AU/mL.....Equivocal 41 AU/mL or greater.....Positive		
Presence of Jo-1 (antihistidyl transfer RNA [t-RNA] synthetase) antibody is associated with polymyositis and may also be seen in patients with dermatomyositis. Jo-1 antibody is associated with pulmonary involvement (interstitial lung disease), Raynaud phenomenon, arthritis, and mechanic's hands (implicated in antisynthetase syndrome).		
PL-12 (alanyl-tRNA synthetase) Antibody	<b>Weak Positive</b>	* (Ref Interval: Negative)
PL-7 (threonyl-tRNA synthetase) Antibody	<b>Weak Positive</b>	* (Ref Interval: Negative)
EJ (glycyl-tRNA synthetase) Antibody	<b>Weak Positive</b>	* (Ref Interval: Negative)
OJ (isoleucyl-tRNA synthetase) Antibody	<b>Weak Positive</b>	* (Ref Interval: Negative)
SRP (Signal Recognition Particle) Ab	<b>Positive</b>	* (Ref Interval: Negative)
Mi-2 (nuclear helicase protein) Antibody	<b>Weak Positive</b>	* (Ref Interval: Negative)
P155/140 Antibody	<b>Positive</b>	* (Ref Interval: Negative)
TIF-1 gamma (155 kDa) Ab	<b>High Positive</b>	* (Ref Interval: Negative)

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

Unless otherwise indicated, testing performed at:

SAE1 (SUMO activating enzyme) Ab                      **Positive**                      \*                      (Ref Interval: Negative)

MDA5 (CADM-140) Ab                                      **High Positive**                      \*                      (Ref Interval: Negative)

NXP2 (Nuclear matrix protein-2) Ab                      **Positive**                      \*                      (Ref Interval: Negative)

**Myositis Interpretive Information**

See Note

INTERPRETIVE INFORMATION: Dermatomyositis and Polymyositis Panel

If present, myositis-specific antibodies (MSA) are specific for myositis, and may be useful in establishing diagnosis as well as prognosis. MSAs are generally regarded as mutually exclusive with rare exceptions; the occurrence of two or more MSAs should be carefully evaluated in the context of patient's clinical presentation. Myositis-associated antibodies (MAA) may be found in patients with CTD, including overlap syndromes, and are generally not specific for myositis. The following table will help in identifying the association of any antibodies found as either MSAs or MAAS.

Antibody Specificity . . . . .	MSA . . . . .	MAA
Jo-1 (histidyl-tRNA synthetase) Ab, IgG . . . . .	X	
PL-12 (alanyl-tRNA synthetase) Antibody . . . . .	X	
PL-7 (threonyl-tRNA synthetase) Antibody . . . . .	X	
EJ (glycyl-tRNA synthetase) Antibody . . . . .	X	
OJ (isoleucyl-tRNA synthetase) Antibody . . . . .	X	
SRP (Signal Recognition Particle) Ab . . . . .	X	
Mi-2 (nuclear helicase protein) Antibody . . . . .	X	
P155/140 Antibody . . . . .	X	
TIF-1 gamma (155 kDA) Ab . . . . .	X	
SAE1 (SUMO activating enzyme) Ab . . . . .	X	
MDA5 (CADM-140) Ab . . . . .	X	
NXP2 (Nuclear matrix protein-2) Ab . . . . .	X	

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Jo-1 (Histidyl-tRNA Synthetase) Ab, IgG	22-292-100191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PL-12 (alanyl-tRNA synthetase) Antibody	22-292-100191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PL-7 (threonyl-tRNA synthetase) Antibody	22-292-100191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EJ (glycyl-tRNA synthetase) Antibody	22-292-100191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
OJ (isoleucyl-tRNA synthetase) Antibody	22-292-100191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
SRP (Signal Recognition Particle) Ab	22-292-100191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mi-2 (nuclear helicase protein) Antibody	22-292-100191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
P155/140 Antibody	22-292-100191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
TIF-1 gamma (155 kDa) Ab	22-292-100191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
SAE1 (SUMO activating enzyme) Ab	22-292-100191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
MDA5 (CADM-140) Ab	22-292-100191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
NXP2 (Nuclear matrix protein-2) Ab	22-292-100191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Myositis Interpretive Information	22-292-100191	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  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 22-292-100191  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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