

TEST CHANGE

Jo-1 Antibody, IgG

0099592, ANTI-JO

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tubes.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.2 mL)

Transport Temperature: Refrigerated.

Unacceptable Conditions: Plasma or other body fluids.

Remarks:

Stability: After separation from the cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

Methodology: Semi-Quantitative Multiplex Bead Assay

Performed: Sun-Sat

Reported: 1-~~3~~² days

Note: Presence of Jo-1 antibody is found in patients with pure polymyositis, pure dermatomyositis, or myositis associated with another rheumatic disease or with interstitial lung disease.

CPT Codes: 86235

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

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).

Reference Interval:

29 AU/mL or less	Negative
30-40 AU/mL	Equivocal
41 AU/mL or greater	Positive

