## **TEST CHANGE**

| Specimen Requirements:   Patient Preparation:   Collect: Serum separator tube or red tubetubes.   Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection.<br>Transfer 1 mL serum to an ARUP standard transport<br>tube. 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;<br>Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated<br>freeze/thaw cycles)   Methodology: Semi-Quantitative Multiplex Bead Assay   Performed: Sun-Sat   Reported: 1-3 days   Note: Presence of Jo-1 antibody is found in patients with pure<br>polymyositis, pure dermatomyositis, or myositis associated<br>with another rheumatic disease or with interstitial lung disease.   CPT Codes: 86235 | Jo-1 Antibody, IgG<br>0099592, ANTI-JO |  |  |
|--|--|--|--|
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|  | Note:                                  | polymyositis, pure dermatomyositis, or myositis associated |  |
| New York DOLLAR menousl Otentury This test is New York DOLLAR menously   | CPT Codes:                             | 86235  |  |
| New York DOH Approval Status: This test is New York DOH approved.  | 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).

| Component             | Interpretation   |
|-----------------------|--|
| Jo-1 Antibody,<br>IgG | 29 AU/mL or less<br>Negative 30-40<br>AU/mL Equivocal<br>41 AU/mL or<br>greater Positive |



Reference Interval:

| Test<br>Number | Components                              | Reference Interval |
|----------------|---|--------------------|
|                | Jo-1 (Histidyl-tRNA Synthetase) Ab, IgG | 40 AU/mL or less   |