

TEST CHANGE

Smith/RNP (ENA) Antibody, IgG

0050470, RNP

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP standard transport tube. (Min: 0.5 mL)

Transport Temperature: Refrigerated.

Unacceptable Conditions: Plasma or other body fluids. Contaminated, hemolyzed, or severely lipemic specimens.

Remarks:

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

Methodology: Semi-Quantitative ~~Multiplex Bead Assay~~ **Enzyme Immunoassay (EIA)**

Note: An affinity purified RNP/Sm antigen complex is used in this assay.

CPT Codes: 86235

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

Interpretive Data:

Smith/RNP antibodies are frequently seen in patients with mixed connective tissue disease (MCTD) and are also associated with other systemic autoimmune rheumatic diseases (SARDs), such as systemic lupus erythematosus (SLE), systemic sclerosis, and myositis. Antibodies targeting the Smith/RNP antigenic complex also recognize Smith antigens, therefore, the Smith antibody response must be considered when interpreting these results.

Component	Interpretation
Smith/RNP (U1) (Ribonucleic Protein) (ENA) Ab Antibody, IgG	29 AU/mL 19 Units or less; Negative 30-20- 39 Units Weak Positive 40 AU/mL: Equivocal 41 AU/mL-80 Units Moderate Positive 81 Units or greater: Strong Positive

Reference Interval:

Test Number	Components	Reference Interval
	Smith/RNP (ENA) Ab, IgG	40 AU/mL 19 Units or less

