

HOTLINE: Effective September 7, 2021

0050470 Smith/RNP (ENA) Antibody, IgG

RNP

**Methodology:** Semi-Quantitative Enzyme-Linked Immunosorbent Assay

**Specimen Required:** 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: 0.2 mL)

Storage/Transport Temperature: Refrigerated.

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

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 30 days (avoid repeated freeze/thaw cycles)

**Reference Interval:**

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19 Units or less	Negative
20-39 Units	Weak Positive
40-80 Units	Moderate Positive
81 Units or greater	Strong Positive

**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.

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

**HOTLINE NOTE:** There is a unit of measure change associated with this test.

Change the unit of measure for component 0050470, Smith/RNP (ENA) Ab, IgG from AU/mL to Units.