

TEST STATUS - NEW TEST

Notification Date: 2/26/2025

Effective Date: 3/5/2025

Test Name: Smith (ENA) Antibody, IgG

Test ID: LAB6785

Explanation: This test is a new EPIC orderable for Smith (ENA) Antibody, IgG testing sent to ARUP vs Miscellaneous Reference Test.

Useful For: This is a confirmatory test for systemic lupus erythematosus (SLE) based on ANA results.

Methodology: Semi-Quantitative Multiplex Bead Assay

Reference Interval:

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

Specimen Requirements:

| | |
|---------------------------------------|---|
| Specimen Type: | Serum |
| Alternate Specimen: | N/A |
| Container/Tube: | Gold serum separator tube (SST) |
| Specimen Preparation: | Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an aliquot transport tube. |
| Specimen Volume: | 1 mL (minimum 0.2 mL) |
| Pediatric Collection: | Same as above |
| Storage/Transport Temperature: | Refrigerated |

Specimen Stability Information:

| Specimen Type | Temperature | Time |
|---------------|--------------|--|
| Serum | Ambient | 48 hours |
| Serum | Refrigerated | 2 weeks |
| Serum | Frozen | 1 year (avoid repeated freeze/thaw cycles) |

Cautions: Smith antibody is highly specific (greater than 90 percent) for systemic lupus erythematosus (SLE) but only occurs in 30-35 percent of SLE cases. The presence of antibodies to Smith has variable associations with SLE clinical manifestations.

Reasons for Rejection: Improper specimen type including contaminated, heat-inactivated, hemolyzed, icteric or lipemic samples; Improper specimen collection including lack of patient identification; Insufficient sample volume; Improper specimen transport or storage

Recommendations: See the above indications.

CPT Code(s): 86235

Days(s) Performed: Sun-Sat

Report Available: 1-3 days

Questions: Please get in touch with Vanderbilt Medical Laboratories Customer Service at 615-875-5227 (5-LABS) or 800-551-5227 or visit our website: [Home | Vanderbilt Medical Laboratories \(vumc.org\)](http://vumc.org)