



Laboratory Service Manual

Lab Dept: Flow and Immunology

Test Name: FLUORESCENT ANTINUCLEAR ANTIBODY
SCREEN, HEP-2

General Information

Lab Order Codes: FANA

Synonyms: ANA Screen; FANA Screen

CPT Codes: 86038 – Antinuclear antibodies (ANA)

86039 - Antinuclear antibodies (ANA); titer

Test Includes: The ANA screen will be reported as Negative or Positive. The screening titer is 1:160. If positive, the pattern will also be reported and the serum will be titered.

Logistics

Test Indications: Antinuclear antibody (ANA) is a general term used to describe autoantibodies against various cell nuclear proteins. This test is useful in screening for systemic lupus erythematosus (SLE) and other connective tissue autoimmune diseases

Lab Testing Sections: Immunology

Phone Numbers:

Minneapolis: 612-813-6280

Saint Paul: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 - 4 days, batch processed twice weekly

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Red top tube, plain, no gel



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| Draw Volume: | 1.5 mL blood |
| | If ENA and/or dsDNA are also being ordered, a draw volume 1.5 mL will be adequate for all tests |
| Processed Volume: | 0.5 mL serum |
| Collection: | Blood should be collected aseptically and placed in a plain red top tube or other plain sterile tube without anticoagulant and allowed to clot at room temperature. |
| Special Processing: | Lab Staff: Centrifuge specimen, transfer serum to a plain polypropylene tube, and refrigerate. If testing is delayed longer than 7 days, serum should be frozen at -20°C or colder. Serum should not be stored in a self-defrosting freezer |
| Patient Preparation: | None |
| Sample Rejection: | Sera exhibiting a high degree of hemolysis, icterus, or microbial growth will not be used because these conditions may cause aberrant results |

Interpretive

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| Reference Range: | Negative |
| Critical Values: | None |
| Limitations: | Diagnosis cannot be made on the basis of antinuclear antibody detection alone. The physician must interpret ANA results in conjunction with the patient's history and symptoms, the physical findings, and other diagnostic procedures. |
| Methodology: | Indirect Fluorescent Antibody (IFA) using HEp-2000® substrate |
| Contraindications: | Patients with heterophile antibodies may give equivocal results. |
| References: | Immuno Concepts® HEp-2000® Fluorescent ANA-Ro Test System Package Insert, Rev. 3 1999 |