



MAYO
Mayo Medical Laboratories
1-800-533-1710

NEW TEST ANNOUNCEMENT
MML NEW ENGLAND
NOTIFICATION DATE: April 18, 2013
EFFECTIVE DATE: June 4, 2013

**ANTINUCLEAR ANTIBODIES (ANA), IFA WITH REFLEX TO
CONNECTIVE TISSUE DISEASE ANTIBODIES**
Test ID: ANAR

USEFUL FOR: Evaluation of patients with signs and symptoms compatible with connective tissue disease.

PROFILE INFORMATION:

Test ID	Reporting Name	Available Separately	Always Performed
ANAH2	Antinuclear Ab, HEp-2 Substrate, S	Yes	Yes

REFLEX TESTS:

Test ID	Reporting Name	Available Separately	Always Performed
ANAB	Antinuclear Antibody (Multiple), S	No	No
ADNA	DNA Double-Stranded Ab, IgG, S	Yes	No
RIB	Ribosome P Ab, IgG, S	Yes	No
ENAE	Ab to Extractable Nuclear Ag Eval, S	Yes	No

TESTING ALGORITHM:

- If ANA HEp-2 substrate screen is positive, then ANAB will be performed at an additional charge.
- If the ANAB contains a titer of < 1:160 or only a centromere pattern is observed, the cascade will stop and results will be reported.
- If the ANAB titer is > or = 1:160, the ADNA, RIB and ENAE tests will be performed at an additional charge.

METHODOLOGY:

ANAH2: Immunofluorescence Assay (IFA)
ADNA: Enzyme-Linked Immunosorbent Assay (ELISA)
RIB: Multiplex Flow Immunoassay
ENAE: Multiplex Flow Immunoassay

REFERENCE VALUES: Negative (titer of < 1:40)

SPECIMEN REQUIREMENTS:

Container/Tube:
Preferred: Red top
Acceptable: Serum gel
Specimen Volume: 1 mL
Minimum Volume: 0.6 mL

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	14 days
	Frozen	14 days

CAUTIONS: This test is a laboratory diagnostic aid and by itself is not diagnostic. Positive results of this test may occur in apparently healthy people. Therefore, the results of this test must be interpreted by a medical authority in the context of the patient's total clinical condition.

CPT CODE:

86038 – Antinuclear Antibodies (ANA), HEp-2

If appropriate for reflex tests:

86039 – Antinuclear Antibody (Multiple)

86235 x 6 – Antibody to Extractable Nuclear Antigen Evaluation

83520 – Ribosome P Antibodies

86225 – DNA Double-Stranded (dsDNA) Antibodies

DAY(S) SET UP: Monday - Friday

ANALYTIC TIME: 1 day / 2 days if positive

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Rita M. Baird, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710