**Indications for Testing**

Evaluation of autoimmune diseases, especially SARD and ALD.

Antinuclear antibody testing
[Antinuclear Antibody (ANA) with HEp-2 Substrate, IgG by IFA]

**Negatives**
(no nuclear or cytoplasmic staining observed; other unreported patterns may be present)

- **Negative**

**Positive**
(nuclear staining observed)

- **Positive**

See Antinuclear Antibody Testing – Nuclear Patterns algorithm

See Antinuclear Antibody Testing – Cytoplasmic Patterns algorithm

**Abbreviations**

**Test name and results**

- AMA: Antimitochondrial antibodies
- ANA: Antinuclear antibodies
- IFA: Immunofluorescent assay

**Disease associations**

- ALD: Autoimmune liver disease
- AIH: Autoimmune hepatitis
- DM: Dermatomyositis
- PM: Polymyositis
- MCTD: Mixed connective tissue disease
- PBC: Primary biliary cholangitis
- SARD: Systemic autoimmune rheumatic disease
- SjS: Sjögren syndrome
- SLE: Systemic lupus erythematosus
- SS: Systemic sclerosis
- UCTD: Undifferentiated connective tissue disease

**Reference**