Antinuclear Antibody Disease Testing - Cytoplasmic Patterns

For previous steps, see Antinuclear Antibody Disease Testing algorithm

Cytoplasmic patterns observed on ANA testing by IFA

- Reticular/AMAs
  - PBC, SSc, PBC/SSc OS, PBC/SjS OS
- Speckled
  - SLE, SjS, CTD-ILD, IIM, Raynaud phenomenon
- Discrete dots/GW body-like
  - Neurologic conditions, SjS, SLE, RA, PBC, UCTD
- Golgi/polar
  - SLE, SjS, RA, OSs, cerebellar ataxia
- Rods/rings
  - HCV treated with pegylated interferon-α/ribaviron combination therapy

Specific Antibodies

- AMAs
  - EJ, Jo-1, OJ, PL-7, PL-12, MDA5, ribosomal P, SRP
- Anti-GW182, anti-Su/Ago
  - Giantin/macrogolgin, golgin-95/GM130, golgin-160, golgin-97, golgin-245
- IMPDH2

Disease Associations

Abbreviations

AMA Antimitochondrial antibody
ANA Antinuclear antibody
CTD-ILD Connective tissue disease-associated interstitial lung disease
HCV Hepatitis C virus
IFA Indirect fluorescent antibody (assay)
IIM Idiopathic inflammatory myopathy
OS Overlap syndrome
PBC Primary biliary cholangitis
RA Rheumatoid arthritis
SjS Sjögren syndrome
SLE Systemic lupus erythematosus
SRP Signal recognition particle
SSc Systemic sclerosis
UCTD Undifferentiated connective tissue disease

For the most up-to-date information about ANA patterns, refer to the International Consensus on ANA Patterns website.

Includes fine speckled and dense fine speckled cytoplasmic patterns.