Indiana University Health

ANA with Reflex Cascade

Antinuclear Antibody IF Quantitative (86039)

IFA >/= 1:160

dsDNA Antibody (86255)

Centromere B Ab EIA >/= 1.0 U (86235) — Supports the diagnosis of CREST (calcinosis, Raynaud disease, esophogeal motility disorder, sclerodactyly, and telangiectasia) syndrome

Ribosome P Ab >/= 1.0 (83516) — Supports diagnosis of SLE and may indicate the presence of central nervous system involvement

Chromatin Ab EIA >/= 1.0 U (83516)
- Pos DNA/neg Chrom = Ab to free DNA
- Neg DNA/pos Chrom = Ab to DNA complexed to histones.
- Pos DNA/pos Chrom = Ab binds to both free and complexed DNA

ENA SS-A/SS-B Ab EIA >/=1.0 U (86235) — Supports the diagnosis of Sjogren syndrome or other connective tissue disease (CTD)

ENA Smith/RNP Ab EIA (86235 x2)
- **Sm Ab >/= 1.0 U** — Supports diagnosis of SLE
- **RNP Ab >/= 1.0** — Supports diagnosis of mixed connective tissue disease (MCTD)

ENA Scl-70 Ab QN ≥ 20 (86235) — Supports diagnosis of scleroderma

ENA JO 1 Ab EIA >/= 1.0 (86235) — Supports the diagnosis of polymyositis

C3, C4 Ser QN (86160 x 2)

IFA </=1:80

dsDNA Antibody (86255)
- Negative
- Equivocal or Positive → **CRITH/DNA Double-Stranded (dsDNA) antibodies by IFA NDNAIFQL (86225)**
  - Negative → SLE unlikely. Unable to confirm result obtained by EIA
  - Positive → Supports diagnosis SLE → **C3, C4 Ser QN) (86160 x2)**