Connective Tissue Disease Cascade (CTDC)

CTDC / Connective Tissue Diseases Cascade, Serum

Cyclic Citrullinated Peptide Antibodies, IgG, Serum

- ≥20 U: Positive result supports the diagnosis of RA
- <20 U: No further testing

Antinuclear Antibodies (ANA), Serum

- <3.0 U: No further testing
- ≥3.0 U: Borderline result: follow patient

ADNA / DNA Double-Stranded (ds-DNA) Antibodies, IgG, Serum

- ≥60 years: 30-75 IU/mL
- <60 years: ≥30 IU/mL (includes pediatrics)
- ≥60 years: >75 IU/mL

- ≥60 years: 30-75 IU/mL
- <60 years: ≥30 IU/mL (includes pediatrics)

ENAE / Antibody to Extractable Nuclear Antigen Evaluation, Serum

This test includes the following IgG antibodies, which are automatically performed:
- SS-A/Ro
- SS-B/La
- Sm
- RNP
- Scl 70
- Jo 1

- ≥1.0 U: Positive result supports the diagnosis of LE
- ≥1.0 U: Positive result supports diagnosis of CREST syndrome
- ≥1.0 U: Positive result supports diagnosis of LE and may indicate the presence of CNS involvement

CATU / Centromere Antibodies, IgG, Serum

- ≥1.0 U: Positive result supports the diagnosis of LE
- ≥1.0 U: Positive result supports the diagnosis of LE and may indicate the presence of CNS involvement

RIB / Ribosome P Antibodies, IgG, Serum

- ≥1.0 U: Positive result supports the diagnosis of LE

Other Antibodies

- SS-A/Ro Antibodies
  - ≥1.0 U: Positive result supports the diagnosis of Sjögren syndrome or other CTD*

- SS-B/La Antibodies
  - ≥1.0 U: Positive result supports diagnosis of Sjögren syndrome or other CTD*

- Sm Antibodies
  - ≥1.0 U: Positive result supports diagnosis of LE*

- RNP Antibodies
  - ≥1.0 U: Positive result supports diagnosis of mixed connective tissue disease*

- Scl 70 Antibodies
  - ≥1.0 U: Positive result supports diagnosis of scleroderma*

- Jo 1 Antibodies
  - ≥1.0 U: Positive result supports diagnosis of polymyositis*

CNS=central nervous system
CREST=calcinosis, Raynaud disease, esophageal motility disorder, sclerodactyly, and telangiectasia.
CTD=connective tissue disease
SLE=systemic lupus erythematosus