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

≥3.0 U

Antinuclear Antibodies (ANA), Serum

<3.0 U

No further testing

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

≥3.0 U

DNA Double-Stranded (dsDNA) Antibodies with Reflex, IgG, Serum

30-75 IU/mL

CRITH / DNA Double-Stranded (dsDNA) Antibodies by Crithidia luciliae IFA, IgG, Serum

Positive result supports the diagnosis of LE

>75 IU/mL

Positive result supports the diagnosis of LE

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 the diagnosis of Sjögren syndrome or other CTD

Sm Antibodies

≥1.0 U

Positive result supports the diagnosis of LE

RNP Antibodies

≥1.0 U

Positive result supports the 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

Centromere Antibodies, IgG, Serum

≥1.0 U

Positive result supports the diagnosis of LE and may indicate the presence of CNS involvement

Ribosome P Antibodies, IgG, Serum

≥1.0 U

Positive result supports the diagnosis of CREST syndrome

NOTE: Positive results not diagnostic for any CTD and should be interpreted within the clinical context of the patient.

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