

Anticentromere Antibodies

Anticentromere antibodies are antibodies directed against centromeric proteins. They are present in various autoimmune disorders but are most commonly seen in CREST. They are sometimes also seen in diffuse scleroderma.



PLAY PICMONIC

Autoimmune Disorders

Auto-in-moon

Anticentromere antibodies are present in various autoimmune disorders, especially in CREST.

CREST Syndrome (Limited Scleroderma)

Crest

Anticentromere antibodies are found in 90% of patients with CREST syndrome, which is now known as limited or localized scleroderma. It is characterized by calcinosis, Raynaud phenomenon, esophageal dysmotility, sclerodactyly, and telangiectasia.

Diffuse Scleroderma

D-fuse Skull-arrow-deer

Anticentromere antibodies are found in 15% of those with the diffuse form of scleroderma. Anti-Scl 70 antibodies (antibodies directed against DNA topoisomerase) are more commonly found in these patients.