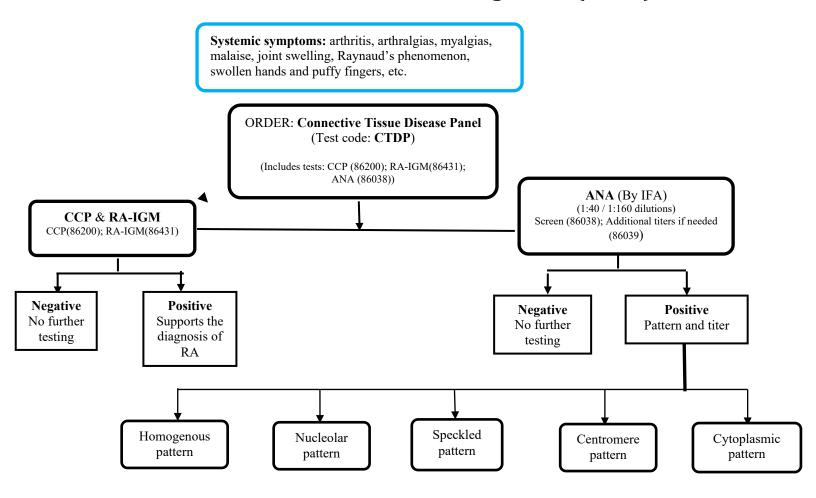
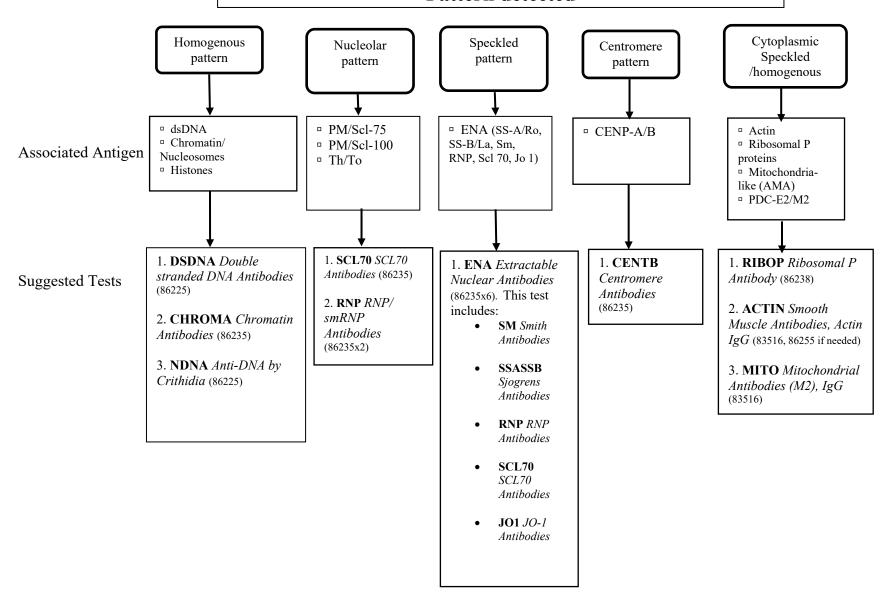
Mixed Connective Tissue Disease Panel Algorithm (MCTD)



Suggested Follow-Up Testing Based on Initial ANA IFA Pattern detected



Disease legend

CREST (Calcinosis cutis, Raynaud's phenomenon, Esophageal dysmotility,

Sclerodactyly, and Telangiectasia) Syndrome

DIL Drug-induced lupus erythematosus MCTD Mixed connective tissue disease

RA Rheumatoid arthritis

PM Polymyositis DM Dermatomyositis

SLE Systemic lupus erythematosus SSc Scleroderma (systemic sclerosis)

UCTD Undifferentiated connective tissue disease

SjS Sjogren syndrome

PM/SSc Polymyositis/systemic scleroderma overlap

ANA Specific autoantibody	Disease Association
Double –stranded DNA (dsDNA)	SLE, DIL, juvenile idiopathic arthritis
Chromatin	SLE, DIL, juvenile idiopathic arthritis
Smith (Sm)	Most specific antibody in SLE, lupus nephritis
SSA	SLE, SjS, Skin involvement, Congenital Heart Block (CHB)
SSB	SLE, SjS, Skin involvement, Congenital Heart Block (CHB)
RNP	SLE, MCTD, RA, SSc, UCTD
SmithRNP (SmRNP)	SLE, MCTD, RA, SSc, UCTD
Scl-70	SSc
Jo-1	PM
Centromere	CREST
Ribosomal P	SLE, neuropsychiatric SLE

References

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