

Autoantibody Associations	
Centromere	15-40%; Limited systemic sclerosis, pulm HTN
SSA/Ro SSB/LA	<ul style="list-style-type: none"> • Sicca/Sjogren's syndrome • Neonatal lupus/congenital heart block • Cutaneous lupus
Sm	Autoimmune hepatitis
Jo-1	<ul style="list-style-type: none"> • 20% of DM/PM • Mechanic hands • Associated w/ ILD • Most frequent Ab in anti-synthetase syndrome
Mi-2	<ul style="list-style-type: none"> • 7% of DM/PM • Shawl sign • Associated w/ acute onset of disease • Good prognosis
RF	<ul style="list-style-type: none"> • RA • Cryoglobulinemia • SjS • chronic (HCV) or indolent (eg, SBE) infections
CCP (ACPA)	<ul style="list-style-type: none"> • 70-80% of RA • predicts erosive disease • More specific for RA than RF • rarely in SLE, sjogrens, or psoriatic arthritis
Pm-Scl	Sclerodermatomyositis (Pm-Scl = polymyositis-scleroderma)
Scl-70	Systemic sclerosis (Scl-70 = topoisomerase I)
ANCA	<ul style="list-style-type: none"> • cANCA (granulomatosis w/ polyangitis) • pANCA (microscopic polyangiitis, PN, SLE, IBD, CF, PSC, HSP, KD, Churg-Strauss)

Evaluation of Rheumatic Disease	
Symptoms of Rheumatic Disease	
Symptom	Associated Disease
Fatigue	SLE, JDM, MCTD, Vasculitis, JIA
Weakness	JDM, SLE related myositis, MCTD, deep localized scleroderma
Back pain	Enthesitis related arthritis, Juvenile ankylosing spondylitis
Chest Pain	Juvenile rheumatoid arthritis, SLE (pericarditis/costochondritis), Takayasu arteritis
Arthralgias	JIA, SLE, Rheumatic fever, JDM, vasculitis, scleroderma, sarcoidosis
Signs of Rheumatic Disease	
Arthritis	JIA, SLE, vasculitis, HSP, MCTD, scleroderma, rheumatic fever, reactive arthritis
Oral ulcers	SLE, Behcet disease (plus genital ulcers), PFAPA syndrome
Malar rash	SLE (spares nasolabial folds), JDM, KD, Parvo B19
Purpura	Vasculitis (ex: ANCA-assoc.), HSP
Gottron pap.	JDM (plus heliotrope rash, periungual telangiectasias)