



## ANA BLOT

An excellent screening test for patients with Systemic Lupus Erythematosus (SLE) and other connective tissue diseases.

*Clin Lab Med. 2002 Jun;22(2):447-74.*

**Detects Antibodies against a wide spectrum of 15 Antigens**

### Antigens - Disease Matrix

Antigens	
nRNP/Sm	MCTD, Sharp syndrome
Sm	Disseminated lupus erythematosus
SS-A	Sjogren syndrome(40-80%), Disseminated lupus erythematosus (30-40%), Primary biliary cirrhosis(20%)
Ro-52	Sjogren syndrome
SS-B	Sjogren syndrome(40-80%), Disseminated lupus erythematosus (10-20%)
Scl-70	Progressive systemic sclerosis
PM-Scl	Overlap syndrome (Polymyositis, Dermatomyositis & Progressive systemic sclerosis)
Jo-1	Polymyositis(25-35%), Interstitial Lung Fibrosis
CENP B (Centromere Protein B)	CREST syndrome(70-90%)
PCNA (Proliferating Cell Nuclear Antigen)	SLE(3%)
ds DNA	SLE(40-90%)
Nucleosomes	SLE
Histones	Drug induced lupus(95%), Rheumatoid arthritis(15-50%)
Ribosomal P- Protein	SLE
AMA-M2 (Mitochondrial)	Primary biliary cirrhosis, Progressive systemic sclerosis

\*MCTD - Mixed Connective Tissue Disease