

# Auto Abs against extractable nuclear antigens ENAS

## ENA - Disease associations

	ANA	ds-DNA	ss-DNA	His-tone	sm	U1-RNP	SSA	SSB	scl 70	Further AABs
Discoid lupus eryth.	90-100	25				30				
Drug-induced lupus eryth.		3	pos.	90						
Systemic lupus eryth.	90-100	50-90		10-40	30-40	30-50	25-40	to 15		Cardiolipin
Mixed collagen. (MCTD)	90-100	to 20			to 10	90-100	10-20	to 10		

	ANA	ds-DNA	ss-DNA	His-tone	sm	U1-RNP	SSA	SSB	scl 70	Further AABs		
Progress. sclerodermia	30-90	to 25				to 20			to 40		Centromere to 35	Rheum. Factor s Ab
CREST-syndrome	90-100	to 10							to 10		Centromere to 80	
Dermato/polymyos.	20-60	to 20				to 15	to 10			PM-1 to 65	Jo-1 pos.	Mi 2, Ku, striated muscles
Sjogren syndrome	50-90	to 25				to 15	10-60	10-60	to 20	Parotis-Ab	Centromere to 15	Rheum. Factor s Ab
Chronic aggressive hepatitis	30-50		to 60							ASMA, LMA, LKM	Centromere to 10	
Rheumat. Arthritis	25-50	to 20	pos.	to 25		to 15	to 20	to 15	-	RF, CCP	Centromere to 10	



ASMA = Antibodies against smooth muscles

LMA = Antibodies against Liver-Membrane-Antigen

LKM = Antibodies against Liver-Kidney-Membrane

MCTD = Mixed connective tissue disease

CREST = **c**alcinosis, **R**aynaud phenomenon, **e**sophageal dysmotility, **s**clerodactyly and **t**elangiectasia

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit  
<http://www.fml-dubai.com/parameter-listings/>