ANA PROFILE(Antibodies against nuclear antigen-IgG)

S no	Antigen	Disease	Prevalance
1	U1-nRNP=Uridine-1-low-weight ribonuclear protein	1.Sharp syndrome(MCTD)	95%-100%
		2.SLE	15%-40%
		3.sysyemic sclerosis	2%-12%
		4.poly/dermatomyositis	12%-16%
2	Sm=Smith antigen(RNA +high uridine content -9-7kDa)	1. SLE	5%-40%
3	SS-A=Soluble substance –A or sjogren syndrome Or Robert antigen(cytoplasmic protein complex y1-y5-RNA)	1. Sjogren syndrome	40%-90%
		2.SLE	20%=40%
		3.Neonatal lupus erythematosis	95%-100%
4	SS-B9(La) = Soluble substance-B or Sjogren syndrome or lane antige transcription termination factor in RNA 111)	1. Sjogren syndrome	40%-95%
		2.SLE	10%-20%
		3.Neonatal lupus erythematosis	75%-above
5	Scl-70=Enzyme DNA topoisomerase -1(In replication & transcription of the DNA helix at nucleoplasm	1.Systemic sclerosis	25%-75%
		2. Diffuse form	40%-65%
		3. limited form	5%-15%
6	PM-Scl-Polypeptide with molecular weight in Systemic sclerosis(nucleoli-in formation of rRNAb PM-Scl-100 & PM-Scl-75	1.Systemic sclerosis including overlap syndrome	10%-20%
		2.Polymyositise/ Systemic sclerosis including overlap syndrome	18%
		3. Systemic sclerosis(Anti-PM-Scl-75 positive	10%
		4. Systemic sclerosis(Anti-PM-Scl-100 positive	7%
7	Jo-1 =Cytoplasmic histidyl-tRNA synthetase	1.Poly/Dermatomositise	25%-35%
8	Centromere protein-CENP A,B,C & D	1. Systemic sclerosis limited form	80%-90%
		2. Systemic sclerosis Diffuse form	8%
		3.Primary biliary cirrhosis	10%-30%
9	PCNA=Proliferative cell nuclear antigen	1.SLE	3%
10	dsDNA= double stranded DNA	1.SLE	40%-90%
11	Nucleosomes= Funtional sub-unit of chromasomes	1.SLE	40%-70%
12	Histone=H1,H2A,H2B,H3,H4(= Funtional sub-unit of chromosomes)	1.drug induced SLE	95%-100%
		2.SLE	50%
		3.RA	15%-50%
13	Ribosomal P-protein =3protein sub- unit	1.SLE	10%
14	AMA-M2=Anti mitochondrial M2 Antigen=In Pyruvate dehydrogenase complex	1 .Primary biliary cirrhosis	>90%

Eroimmun kit for *antibodies against nuclear antigen-IgG*