



Anti-RNA Polymerase III

- High sensitivity
- Semi-quantitative assay
- Aids in diagnosis of Systemic Sclerosis (SSc)
- > 90% correlation with immunoprecipitation method (IP)

Anti-RNA Polymerase III ELISA vs. IP in SSc patients

	IP +	IP -	Total
ELISA +	63 (90%)	7	70
ELISA -	3	100 (97%)	103
Total	66	107	173

Anti-RNA Polymerase III ELISA positivity rate in autoimmune disease

	SSc	SLE	RA	CREST
n	40	20	21	5
Positive	14	0	0	0
Negative	26	20	21	5
Positive Rate	35%	0%	0%	0%

Anti-RNA Polymerase III Positive

- Associated with renal involvement
- High mortality rate

Simple ELISA Method

