

Supplementary table 1: Autoantibodies status in SLE patients and association with symptoms, other serum antibodies, complements and cytokines levels. (n=41)

SN	Autoantibody	Present		Absent		Associated autoantibody	Associated symptom/s	Serum Cytokine/complement level
		Number	%	Number	%			
1	ANA	41	100	0	0	-	-	-
2	Anti-Ro/SSA	22	53.7	19	46.3	Anti-U1-RNP, Anti-La/SSB, Anti-Sm	Fever, Arthritis, Generalized edema (negative association)	Low C4 levels
3	Anti-U1-RNP	20	48.8	21	51.2	Anti-Ro/SSA, Anti-dsDNA, Anti-Sm	Morning stiffness, Weakness (negative association)	Low C4 levels
4	Anti-dsDNA	16	39.0	25	61.0	Anti-U1-RNP, Anti-Sm	Photosensitivity (negative association), generalized edema	Low C4 levels
5	Anti-Sm	13	31.7	28	68.3	Anti-Ro/SSA, Anti-U1-RNP, Anti-dsDNA	Fever, photosensitivity (negative association), weakness (negative association)	Low C4 levels
6	Anti-La/SSB	8	19.5	33	80.5	Anti-Ro/SSA	Breathlessness	Low C4 levels
7	Anti-Centromere	2	4.9	39	95.1	-	-	-

8	Anti-Jo1	0	0	41	100	-	-	-
9	Anti-Scl70	0	0	41	100	-	-	-

Supplementary table 2: Symptoms distribution and associated serum antibodies, complement and cytokine levels in SLE patients (n=41).

SN	Symptoms	Present		Absent		Associated Autoantibody	Associated cytokines/antibodies
		Number	%	Number	%		
1	Arthritis	28	68.3	13	31.7	Anti-Ro/SSA	-
2	Fever	22	53.7	19	46.3	Anti-Ro/SSA, Anti-Sm	-
3	Skin rashes	17	41.5	24	58.5	-	High IgM, low IgA levels
4	Photosensitivity	16	39.0	25	61.0	Anti-dsDNA, Anti-Sm (both negative association)	-
5	Oral ulcers	12	29.3	29	70.7	-	-
6	Morning stiffness	9	22.0	32	78.0	Anti-U1-RNP	High TGF- β levels
7	Generalized edema	6	14.6	35	85.4	Anti-Ro/SSA, Anti-dsDNA	-
8	Weakness	6	14.6	35	85.4	Anti-U1-RNP and Anti-Sm (both negative association)	-
9	Breathlessness	6	14.6	35	85.4	Anti-La/SSB	-
10	Alopecia	6	14.6	35	85.4	-	-
11	Chest pain	4	9.8	37	90.2	-	-
12	Raynaud's Phenomena	3	7.3	38	92.7	-	-
13	History of abortion	2	4.9	39	95.1	-	-
14	Nausea/Vomiting	2	4.9	39	95.1	-	-
15	Dysphagia	2	4.9	39	95.1	-	-
16	Abdominal pain	2	4.9	39	95.1	-	-
17	Diarrhoea	2	4.9	39	95.1	-	-
18	Gastritis	2	4.9	39	95.1	-	-
19	Oliguria	1	2.4	40	97.6	-	-
20	Uveitis	1	2.4	40	97.6	-	-
21	Joint Deformity	1	2.4	40	97.6	-	-

22	Ascitis	1	2.4	40	97.6	-	-
23	Headache	1	2.4	40	97.6	-	-