

EliA Symphony^S



Prevalence of autoantibodies in different connective tissue diseases (CTDs)

► Most common ————— ► least common CTD

		Sjögren's syndrome	Systemic lupus erythematosus	Scleroderma	Polymyositis / Dermatomyositis	Mixed connective tissue diseases
EliA TM Symphony ^S	SS-A/Ro (60 kDa, 52 kDa)	70-100% (Ro52 or Ro60) ¹	35-70% ^{1,2} 80-90% (neonatal) ¹ 40-70% (subacute cutaneous) ¹ 5-20% (discoid) ¹	15-20% (SS-A/Ro) ³ 6% (Ro60) ⁴ 19% (Ro52) ⁴	35% (Ro52) ⁴ Often correlated with Jo-1 reactivity ^{2,4}	
	SS-B/La	40-90% ¹	15% ⁵ / 45% ¹ 5-10% (discoid) ¹ 40-60% (subacute cutaneous) ¹			
	U1RNP (RNP 70, A, C)		20-40% ^{1,6,7}	13% ⁷		71-100% ^{6,7}
	SmD		15-30% ^{1,6,7} More frequent in African SLE patients ^{6,7}			
	Centromere B	4-27% ⁸		36% ⁹ 70-90% ⁵ (limited systemic sclerosis CREST) Less progressive disease ⁹		
	Scl-70			50-70% ¹ Up to 70% (diffuse system. sclerosis) ⁵ Risk for progressive disease ¹		
	Jo-1		0-5% ¹		20-30% (polymyositis) ¹ 5-10% (dermatomyositis) ¹ 60-70% ¹ (polymyositis with intestinal lung fibrosis)	
Available as EliA dsDNA	dsDNA		> 70% (active SLE) ¹⁰ Varies depending on the type of detection method > 50% (SLE nephritis) ¹⁰ > 30% SLE ¹⁰			

▲ Bold: listed in classification criteria for CTDs

References

1 Wenzel J, et al *Br J Dermatol* 2001;145: 859-867 2 Defendenti C, et al *Autoimmun Rev* 2011;10:150-154 3 Mehra S, et al *Autoimmun Rev* 2013;12:340-354 4 Schulte-Pelkum J, et al *Autoimmun Rev* 2009;8:632-637 5 Tan EM *Immunologist* 1999;7:85-92 6 Peng SL, Craft JE In: Peter JB, Shoenfeld Y (eds), *Autoantibodies* 1996; pp 774-782, Elsevier, Amsterdam 7 Benito-Garcia E, et al *Arthritis Rheum* 2004;51:1030-1044 8 Kitagawa T, et al *Clin Rheumatol* 2012;31:105-112 9 Hudson M, et al *J Rheumatol* 2012;39:787-794 10 Hernando M, et al *Clin Chem Lab Med* 2002;40:1056-1060

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