

Myositis-Associated Antibodies (MAA)

Test Name	Test No.	Methodology	Clinical Associations
Anti-PM/Scl-100 Ab (RDL)	520007	ELISA	3-9% worldwide frequency. Approximately 20% of dSSc, 18% of overlap syndrome and 2-4% of SSc; associated with digital ulcers and lung fibrosis. ^{8,9}
Anti-Ku Ab (RDL)	520030	ELISA	Most commonly associated with SSc overlap disorders (with myositis or lupus). Common clinical features include diffuse skin changes, ILD, myositis, Raynaud's, sicca. ^{8,10}
Anti-SS-A 52kD Ab, IgG (RDL)	520015	ELISA	Reported in a variety of autoimmune diseases such as SLE, SS, RA, SSc, DM, malignancies and fibromyalgia. 5.5% of ANA-positive individuals. ¹¹
Anti-U1 RNP Ab (RDL)	520034	ELISA	Positive in 95-100% of MCTD. May also occur in SLE, IIM. ¹²
Anti-U2 RNP Ab (RDL)	520024	RIPA Gel Radiography	Commonly associated with scleroderma/myositis overlap syndrome. ¹³
Anti-U3 RNP Antibodies (Fibrillarin) (RDL)	520019	RIPA Gel Radiography	Mostly found in SSc/myositis overlap. 4-10% of diffuse SSc, <2% of limited SSc. More prevalent in African Americans. Associated with pulmonary arterial hypertension (PAH), myositis, cardiac and renal involvement. ^{8,14}