RNA Polymerase III Antibody, IgG
ARUP test code 2001601

11 Units

INTERPRETIVE INFORMATION: RNA Polymerase III Antibody, IgG

19 Units or less ......Negative
20 - 39 Units ........Weak Positive
40 - 80 Units ..........Moderate Positive
81 Units or greater ...Strong Positive

The presence of RNA polymerase III IgG antibodies is considered diagnostic of systemic sclerosis (SSc). RNA polymerase III IgG antibodies occur in about 11-23 percent of SSc patients, and typically in the absence of anti-centromere and anti-Scl-70 antibodies. The presence of RNA polymerase III IgG antibodies may be predictive of an increased risk of skin involvement and hypertensive renal failure associated with the diffuse cutaneous form of SSc.

A negative result indicates no detectable IgG antibodies to the dominant antigen of RNA polymerase III and does not rule out the possibility of SSc. False-positive results may also occur due to non-specific binding of immune complexes. Strong clinical correlation is recommended.

If clinical suspicion remains, consider additional testing for other antibodies associated with SSc, including centromere, Scl-70, U3-RNP, PM/Scl, or Th/To.

END OF CHART