**Systemic Rheumatic Disease**

There is growing evidence that the appearance of autoantibodies may precede the onset of the disease, often in independent studies to be superior to standard HEp-2 for the detection and identification of ANA’s (4-7). When ANA patterns often give indications of disease activity, there is a need for de novo disease detection. During this time, substantial improvements in physician awareness, diagnostics and testing guidelines are imperative.

**Flow Chart**

**ANA Pattern and Confirmatory Testing**

**Suggested Reading**

Mitosis

Stages of Cell Division

Cytokinesis

Telophase