

## **NEW CASCADING APPROACH FOR ANTINUCLEAR ANTIBODY SCREENING**

**New Test Name: HEp-2 ANA by IFA, Screen with Reflex to Titer/Pattern  
and Serology Cascade, Serum**  
**Epic Test Code: LAB1231037**

### **EXPLANATION:**

The Ruby Clinical Laboratory will launch a new approach to screen patients for antinuclear antibodies (ANA) on 10/16/2023. This approach will streamline testing by incorporating reflexive testing for double-stranded DNA (dsDNA) and 10 other common antinuclear serologic tests.

Testing begins with gold-standard immunofluorescence (IFA) -based ANA screening on our HeliOS platform. Samples with positive ANA screens are then tested for clinically relevant antibodies (Chromatin, Ribosomal-P protein, SS-A, SS-B, Sm, SmRNP, RNP, Scl-70, Jo-1, Centromere) used to diagnose systemic rheumatic disease (BioRad BioPlex 2200 ANA) without a need for another blood draw.

Results are reported in “cascades” to provide concise information while minimizing testing cost. This approach, shown in the figure, will facilitate the evaluation of patients with connective tissue disease, inflammatory arthritis, and other autoimmune disorders. It mimics the testing approach used by many Rheumatologists who are consulted on patients with suspected autoimmune disease.

Each of the tests performed in this cascade can be ordered individually when clinically indicated.

### **QUESTIONS ABOUT THIS TESTING**

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### **QUESTIONS**

Contact WVUH Laboratories 304-598-4241 or  
UML Representatives 304-285-7201

**ADDITIONAL INFORMATION AVAILABLE ONLINE:** [WVU Medicine Online Test Catalog](#)

**ANA screen (IFA-based)**

