



# Memorandum

**Date:** May 13, 2016  
**To:** Calgary Zone and Calgary Rural Physicians  
**From:** Calgary Laboratory Services (CLS)  
**Re:** Extractable Nuclear Antigen (ENA) and Autoantibody Testing

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**Key Messages:**

- Effective June 2, 2016, extractable nuclear antigen (ENA) testing will be performed at the CLS Diagnostic and Scientific Centre.
- Tests will be done daily from Monday to Friday with expected turnaround times of 72 hours.
- Other specialized testing will continue to be referred to Mitogen Advanced Diagnostic Laboratory (MADL).

**Importance:**

- The new ENA method employs multiplex bead technology and will include the measurement of autoantibodies against the following antigens: dsDNA, chromatin, ribosomal P, Ro-52/TRIM21, SS-A/Ro-60, SS-B/La, Sm, SmRNP, RNP A, RNP 68, Scl-70, Jo-1, and centromere B.
- ENA profile results will be reported qualitatively (positive or negative) with an interpretation of the results based on pattern recognition of individual autoantibodies.
- Test requests on a CLS requisition for ENA, anti-nuclear antibody (ANA), anti-cyclic citrullinated peptide (anti-CCP) antibodies, anti-dsDNA, and anti-neutrophil cytoplasmic antibody (ANCA) will be performed at CLS while anti-glutamic acid decarboxylase (anti-GAD) will be performed at University of Alberta Hospital.
- Any requests for tests to be done at MADL should be submitted on an MADL requisition.
- Please note there will be changes in the reporting format.

**Inquiries and feedback may be directed to:**

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