
Lab Dept: Serology

Test Name: ENDOMYSIAL IGA ANTIBODY

General Information

Lab Order Codes: ENDO

Synonyms: Antiendomysial Aby; Antimesothelial Aby

CPT Codes: 86255 - Fluorescent noninfectious agent antibody; screen, each antibody

86256 - - Fluorescent noninfectious agent antibody; screen, each antibody (if appropriate)

Test Includes: Report includes presence of circulating IgA endomysial antibodies and automatic reflex to titer if serum screen is positive or indeterminate at an additional charge.

Logistics

Test Indications: Useful for diagnosis of dermatitis herpetiformis and celiac disease. Monitoring adherence to gluten-free diet in patients with dermatitis herpetiformis and celiac disease. Because of the high specificity of Endomysial Antibodies for celiac disease, the test may obviate the need for multiple small bowel biopsies to verify the diagnosis. This may be particularly advantageous in the pediatric population, including the evaluation of children with failure to thrive.

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Medical Laboratories (MML Test: EMA)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 2 - 7 days; test set up Monday - Friday

Special Instructions: See [Mayo's Celiac Disease Algorithm](#) for more information.

Specimen

Specimen Type: Blood

Container:	SST (Gold, marble or red)
Draw Volume:	6 mL (Minimum: 1.5) blood
Processed Volume:	2 mL (Minimum: 0.5 mL) serum
Collection:	Routine venipuncture
Special Processing:	Lab Staff: Centrifuge specimen, remove serum aliquot into screw-capped round bottom plastic vial. Store and ship refrigerated. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens; gross hemolysis; gross lipemia; grossly icteric

Interpretive

Reference Range:	<p>Report includes presence and titer of circulating IgA endomysial antibodies.</p> <p>Negative in normal individuals; also negative in dermatitis herpetiformis or celiac disease patients adhering to a gluten-free diet.</p> <p>Additionally a titer will automatically be performed on any result of positive or indeterminate.</p>
Critical Values:	N/A
Limitations:	<p>A negative result (absence of circulating IgA Endomysial Antibody) does not exclude the diagnosis of dermatitis herpetiformis or celiac disease.</p> <p>Patients with mild gluten sensitive enteropathy may have a negative result.</p>
Methodology:	Indirect Fluorescent Assay
References:	Mayo Medical Laboratories Web Page April 2017
Updates:	<p>4/14/2004: Test moved from Specialty Laboratories to Mayo Medical Laboratories.</p> <p>1/28/2016: CPT update</p> <p>4/12/2017: Addition of reflex titer for positive/indeterminate results.</p>