

CELIAC DISEASE

Celiac disease is an autoimmune disease that affects the small intestine. Exposure to gluten—a protein found in wheat, rye, and barley—triggers an isolated inflammatory response in the small intestinal mucosa. This response destroys villi and interferes with the absorption of nutrients that leads to nutritional deficiencies. There are no typical celiac disease-specific symptoms; most people with the disease have general complaints such as intermittent diarrhea, abdominal pain, and bloating. Early detection and treatment can decrease the significantly increased risk of intestinal carcinoma. Mayo Medical Laboratories' Celiac Disease Comprehensive Cascade provides the fastest, most complete assessment that can be ordered, and can virtually rule out celiac disease in most patients.

1%

Percentage of Americans
who have celiac disease,
translating to roughly
3 million people

MEET THE EXPERT



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WHO BENEFITS

- ▶ Patients with abdominal pain, diarrhea, and vomiting
- ▶ Adult patients with symptoms of malnutrition, including iron-deficient anemia and osteoporosis
- ▶ Children who present with a failure to thrive
- ▶ Patient on a gluten-free diet

WHO SHOULD ORDER

- ▶ Gastroenterologists

ACTIONS TO TAKE

- 1 Require preauthorization to limit who can order the test
- 2 Apply or order testing cascade for diagnosis
- 3 Order only the TTG-IgA or other individual tests for monitoring patients with known disease
- 4 Select the most appropriate testing algorithm by carefully reviewing patient history.

UM TOOLS UTILIZED

- ▶ Algorithms
- ▶ Decision-support prompts in information system
- ▶ Order guidance information