🕐 Turnaround Time: 2 business days

Specimen Type:
1x SST Blood

Description

Coeliac disease testing is crucial for diagnosing this autoimmune condition, which occurs in genetically predisposed individuals. When those with coeliac disease consume gluten—a protein found in wheat, barley, and rye—their immune system mounts an inappropriate response, damaging the lining of the small intestine. This can lead to malabsorption of nutrients and a variety of symptoms, including abdominal pain, bloating, diarrhoea, and fatigue (Qureshi, 2023).

The diagnosis of coeliac disease typically involves serological testing to detect specific antibodies, such as anti-tissue transglutaminase (tTG) antibodies (Qureshi, 2023). If these tests indicate a potential diagnosis, a biopsy of the small intestine may be performed to confirm the extent of intestinal damage.

It is essential for individuals experiencing symptoms related to gluten consumption to seek medical advice. Early diagnosis and dietary intervention, primarily adopting a strict gluten-free diet, are vital for managing coeliac disease and preventing long-term complications, including osteoporosis, infertility, and certain malignancies. If someone suspects they may have coeliac disease, consulting a healthcare provider for appropriate testing can help ensure a proper diagnosis and effective management of the condition.

Whats included?

- IgA
- Anti-Gliadin IgG AB
- Anti-Gliadin IgA AB
- Transglutaminase IgA
- Endomysial Antibodies

Conditions and Symptoms

- Impaired digestion
- Bloating and acid reflux
- Abdominal pain
- Diarrhoea or constipation
- Anaemia
- Joint pain
- Fatigue

Complementary Testing

- IgG & IgA General Food Panel (Test code 3217)
- Thyroid Profile - Extensive (Test code 1114)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*

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*See NATA and CLIA website for further details