

Gastroenterology Tests



Detect Early | Treat Early
Biocard™ tests for professional and home use

Celiac Disease

Celiac disease, also known as gluten intolerance, is a disorder in which gluten causes damage to the small intestine. The intestinal surface is destroyed and the ability to absorb nutrients becomes poor. Gluten is the protein of wheat, barley and rye. Celiac disease is a lifelong disorder that manifests due to gluten intake in genetically susceptible persons. 1-2 % of the people in Western countries are evaluated to have the disease. Majority of them do not know it.

Celiac Disease Symptoms

Symptoms can vary from diarrhea, abdominal pain, bloating, gas, fat in stool and indigestion to malnutrition, weight loss, fatigue, anemia, osteoporosis and delayed growth. It can also manifest as a skin rash. Even psychological symptoms like irritation and depression can occur. On the other hand, many people may have mild or no symptoms.

Biocard™ Celiac test

Biocard™ Celiac disease test is a patented immune-chromatographic rapid test for antibodies associated with celiac disease from fingertip blood sample. The test package contains clear instructions and all the accessories needed for sampling and performing the test.

- CE marked kits available for both Home and Professional tests
- Simple and quick test procedure
- Reliable results in less than 10 minutes
- 96,7 % sensitivity and 93,5 % specificity
- Convenient testing, with only one drop of blood (10 µl)
- Storage at room temperature
- Shelf life of 28 months
- Manufactured in Finland

Two lines – positive result



One line – negative result



Helicobacter pylori

Helicobacter pylori is associated with gastroduodenal diseases such as active chronic gastritis and gastric and duodenal ulcer. Untreated infection also increases the risk of stomach cancer. Part of the injury is due to production of urease. *H.pylori* infection is the most common chronic bacterial infection in the world: on average more than 50 % of the world population suffers from *H.pylori* infection.

Biocard™ Helicobacter pylori IgG test

Biocard™ *Helicobacter pylori* IgG Test is an immunochromatographic rapid test for the detection of *H.pylori* IgG antibodies from serum or whole blood samples. This non-invasive serological test is useful in first step screening. It is not interfered by antacid medication or antibiotics, unlike biopsy based tests, urea breath test or stool antigen tests that may give false negative results under medication.

- CE marked kits available for both Home and Professional tests
- Simple and quick test procedure
- Reliable results in less than 10 minutes
- 95,2 % sensitivity and 95,5 % specificity
- Convenient testing with only one drop of blood (10 µl) or serum (5 µl)
- Storage at room temperature
- Shelf life of 24 months
- Manufactured in Finland



Biocard™ Helicobacter pylori urease test

Biocard™ *Helicobacter pylori* urease test is a tablet test for the qualitative detection of urease activity from biopsy or culture samples.

- *H.pylori* produces urease that hydrolyses urea to ammonia and raises the pH of the medium, changing the colour of the medium.
- Test result can be seen in 30 minutes
- Sensitivity 95% and specificity 98,3 %
- Storage at room temperature
- Shelf life of 24 months



Cat. No	Product Name	Intended Use	Kit Content	Format
3-028-200	Biocard™ Celiac Home Test	Detection of tTG IgA from whole blood samples	1 test with accessories	Cassette
3-028-000	Biocard™ Celiac Professional Test	Detection of tTG IgA and total IgA from whole blood samples	10 tests with accessories	Cassette
3-028-420	Biocard™ Celiac Professional Test	Detection of tTG IgA and total IgA from whole blood samples	20 tests with accessories	Stick
3-018-200	Biocard™ Helicobacter Pyroli IgG Home Test	Detection of H.pylori IgG antibodies from whole blood	1 test with accessories	Cassette
3-018-110	Biocard™ Helicobacter Pyroli IgG Prof. Test	Detection of H.pylori IgG antibodies from serum and whole blood	10 tests with accessories	Cassette
3-018-945	Biocard™ Helicobacter Pyroli Urease Test	Detection of urease activity from a biopsy or culture sample	45 tablets and test tubes	Tablet