

# Gastroenterology Tests



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

**LABSYSTEMS**  
D I A G N O S T I C S  
*speaking your language*

# 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
- 95.8 % sensitivity and 96.6 % specificity
- Convenient testing, with only one drop of blood (10 µl)
- Storage at room temperature
- Shelf life of 28 months
- Disposable
- High quality from 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
- 93.2 % sensitivity and 97.7 % specificity
- Convenient testing with only one drop of blood (10 µl ) or serum (5 µl)
- Positive control included in the professional version
- Storage at room temperature
- Shelf life of 24 months
- Disposable
- High quality from 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



## LABSYSTEMS DIAGNOSTICS OY

### Who we are

Labsystems Diagnostics Oy is a Finnish establishment and a forerunner in innovative In Vitro Diagnostic research and development for 34 years. Around 50 experienced professionals work at the modern facilities in Helsinki area in Finland. Labsystems Diagnostics' products are sold throughout the world.

### What we do

Labsystems Diagnostics develops, manufactures, markets and sells high quality diagnostic tests for clinical laboratories, doctors' offices and home use. Through changes of ownership, the latest merger of Ani Labsystems Ltd. Oy and Ani Biotech Oy and acquisition by the globally-operating, India-based Triviron Healthcare Group, the company has achieved many milestones.

Labsystems Diagnostics has a long history of developing innovative Point-of Care products. We were the first to launch Point-of-Care tests for troponin I, Celiac disease and Chlamydia pneumoniae IgM. The development and production of successful POC tests is continuing under the Biocard brand.

Labsystems also produces well-established EIA tests for infectious diseases and is considered as the second most important manufacturer of newborn screening tests.

### Gastroenterology Tests

Cat. No	Product Name	Intended Use	Kit Content	Format
3-028-000	Biocard™ Celiac Professional Test	Detection of tTG IgA and total IgA from whole blood samples	10 tests with accessories	Cassette
3-028-200	Biocard™ Celiac Home Test	Detection of tTG IgA from whole blood samples	1 test 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 pylori IgG Home Test	Detection of H.pylori IgG antibodies from whole blood	1 test with accessories	Cassette
3-018-110	Biocard™ Helicobacter pylori IgG Prof. Test	Detection of H.pylori IgG antibodies from serum and whole blood	10 tests with accessories	Cassette
3-018-945	Biocard™ Helicobacter pylori Urease Test	Detection of urease activity from a biopsy or culture sample	45 tablets and test tubes	Tablet
3-028-401 [*]	Celiac Home Test	Detection of tTG IgA from whole blood samples	1 test with accessories	Stick

[\*on special request, only to be sold under NDA in high volumes



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