



## INFECTIOUS DISEASES & GASTROENTEROLOGY

Precise diagnosis of infectious diseases and gastroenterology. For Professional and Home Use

**LABSYSTEMS**  
D I A G N O S T I C S

*speaking your language*

A TRIVITRON ENTERPRISE

# LABSYSTEMS DIAGNOSTICS



Newborn Screening

Point of Care

Immunology

Clinical Chemistry

Hematology

Molecular Diagnostics

HPLC & LC-MS/MS Kits

“

## WHO WE ARE

Labsystems Diagnostics Oy is a Finnish establishment, 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 the changes in ownerships, the latest merger of Ani Labsystems Ltd. Oy and Ani Biotech Oy and acquisition by the globally operating, India based Trivitron Healthcare Group, the company has achieved many milestones.

Labsystems Diagnostics has a strong experience in the infectious disease tests over the decades. We were among the first ones to create EIA tests on a microplate format and to create EIA tests based on peptide technology. We now produce well recognised high quality EIA tests especially for respiratory infections.

Under the Biocard™ Point-of-Care brand, we have developed first and only tests suitable for fingertip blood for detecting Chlamydia Pneumoniae and Mycoplasma Pneumoniae. Biocard™ is a trademark listed in the Master lists of the College of American Pathologists (CAP) Proficiency testing (PT). In addition to this, convenient duplex real-time PCR tests have been launched. Gastro and Cardiac POC tests are also manufactured under the Biocard™ brand. Labsystems Diagnostics was the first to create a newborn screening test in high -throughput format and is now the second most important manufacturer of newborn screening tests worldwide

## EIA tests (Enzyme Immune Assay)

- Best performer assays supported by internal and external quality monitoring and by international evaluations
- Used as a preferred method by well-established clinical and research laboratories
- Flexibility to use in different automated and manual systems
- Quantitative and Semi-Quantitative results
- Ready-to-use components
- Labsystems' EIA tests have similar test procedures, and interchangeable buffers and substrates
- Individually coded removable strips give further convenience in test combinations
- IgG absorbent included in ready-to use reagents in IgM kit. No separate reagents or steps are needed
- Long stability for opened components (6 months)



Product name	Test/Pack	REF	Advantage
Chlamydia pneumoniae IgG EIA	96	6111300	LPS eliminated to give species-specific results → Higher accuracy
Chlamydia pneumoniae IgA EIA	96	6111310	
Chlamydia pneumoniae IgM EIA	96	6111320	

Product name	Test/Pack	REF	Advantage
Mycoplasma pneumoniae IgG EIA	96	6111400	Accurate results guaranteed by enriched P1-antigen Excellent performance against PCR results
Mycoplasma pneumoniae IgA EIA	96	6111410	
Mycoplasma pneumoniae IgM EIA	96	6111420	

Product name	Test/Pack	REF	Advantage
Chlamydia Trachomatis IgG EIA	96	6111101	For complicated and prolonged infections Species-specific peptide antigens guarantee high accuracy
Chlamydia Trachomatis IgA EIA	96	6111111	

Product name	Test/Pack	REF	Advantage
Bordetella Pertussis IgG EIA	96	6111500	Production by request
Bordetella Pertussis IgA EIA	96	6111510	
Bordetella Pertussis IgM EIA	96	6111520	
Bordetella Pertussis PT IgG EIA	96	6111530	

Product name	Test/Pack	REF	Advantage
Toxoplasma Gondii IgG EIA	96	6600100	Production by request
Toxoplasma Gondii IgM EIA	96	6600120	
Toxoplasma Gondii IgG Avidity	96	6600140	

### Real-time PCR

- Individual and simultaneous identification and quantification of the two infectious agents
- All-in-one amplification mix, including internal genomic DNA control
- No freeze storage required as the entire kit can be stored at +4°C; Shipment at room temperature
- Suitable for instruments with universal fluorescence channels
- High sensitivity (down to 10 copies/ml) and specificity (no cross reactions detected)
- High quality controlled by internal and external QC samples



Product name	Test/Pack	REF
M. pneumoniae + C. pneumoniae Duplex Real-Time PCR	25	8100100
Bordetella pertussis + Bordetella parapertussis Duplex Real-Time PCR	25	8100200

### Biocard™ lateral flow tests

- Results in 5 to 10 minutes with easy 2-step procedure
- Results can be obtained during the doctor's appointment
- No instrumentation is needed: all the accessories for sampling and running the test are included
- No venipuncture and serum separation is needed (in the blood tests) as tests can be done directly from the fingertip blood
- >96% sensitivity and specificity compared to Laboratory immunoassays
- Shelf life even 24 months

Two Lines - Positive Result

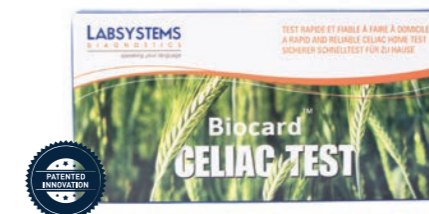


One Line - Negative Result



Infectious Diseases	Test/Pack	REF
Biocard™ Chlamydia pneumoniae IgM	10	3-034-000
Biocard™ Mycoplasma pneumoniae IgM	20	3-035-000
Biocard™ Rotastick Test	20	3-006-420

Gastroenterology	Test/Pack	REF
Biocard™ Helicobacter.pylori IgG Home	1	3-018-200
Biocard™ Helicobacter.pylori IgG Professional	10	3-018-110
Biocard™ Helicobacter.pylori - Urease Test	45 tablets	3-018-945
Biocard™ Celiac Home	1	3-028-200
Biocard™ Celiac Professional	10	3-028-000



Celiac disease, also known as gluten intolerance, is a disorder in which gluten causes damage to the small intestine. LabSystems Biocard™ Celiac test is unique patented test for detection of tTG IgA from fingertip blood sample.

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

**A TRIVITRON ENTERPRISE**

[corporate@trivitron.com](mailto:corporate@trivitron.com) | [sales@labsystemsdx.com](mailto:sales@labsystemsdx.com)  
[www.trivitron.com](http://www.trivitron.com) | [www.labsystemsdx.com](http://www.labsystemsdx.com)

 /Trivitronindia  /Trivitronindia  /company/trivitron-healthcare  /TrivitronHealthcare