

LABMASTER LUCIA™

CRP test kit
MxA test kit

FAST RESULT FROM A
FINGERTIP BLOOD SAMPLE

ALL-IN-ONE KIT

1. NFC CARD
 - Batch and analyte-specific parameters
2. TEST CASSETTE
 - Antibody coated chip
 - Washing buffer
3. SAMPLE PREPARATION TUBE 1.
 - Analyte-specific tubes included in the kit

Applied together,
the CRP and MxA tests
provide an efficient method
for the differentiation of
viral and bacterial
acute respiratory tract
infections.



The Labmaster LUCIA™ CRP test

is used for the quantitative determination of C-reactive protein in whole blood samples with the Labmaster LUCIA™ Analyzer. CRP is one of the most sensitive indicators of an acute-phase bacterial infection and can be used to assess the inflammatory status of the body.

SAMPLE TYPE	Whole blood
SAMPLE VOLUME	5 µL
MEASURING TIME	6 min
MEASURING RANGE	5–200 mg/L
SENSITIVITY	100%
SPECIFICITY	91%
STORAGE	+2 – +8 °C

The Labmaster LUCIA™ MxA test

is used for the quantitative determination of Myxovirus resistance protein A in whole blood samples with the Labmaster LUCIA™ Analyzer. MxA is a novel marker for the most common acute viral respiratory tract infections.

SAMPLE TYPE	Whole blood
SAMPLE VOLUME	7 µL
MEASURING TIME	11 min
MEASURING RANGE	50–1000 ng/mL
SENSITIVITY	91%
SPECIFICITY	98%
STORAGE	+2 – +8 °C

Labmaster Ltd, based in Kaarina, Finland, is a privately owned company focusing on delivering innovative diagnostics tools for applications in routine clinical diagnostics and research. Labmaster develops and commercializes the next generation of versatile miniaturized detection tools based on its proprietary cathodic electrochemiluminescence-technology (LM-CECL). The superiority of LM-CECL technology allows it to overcome the performance limitations of previous generation's tests relating to sensitivity, accuracy, usability and cost efficiency. **Labmaster's quality management system is ISO 13485:2016 and 9001:2015 certified for the design and manufacture of *in vitro* diagnostic devices for detection of viral infections, immune response and inflammatory status as an aid in diagnosis.**

LABMASTER
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LABMASTER LUCIA™

point-of-care diagnostics

Labmaster LUCIA™ is a point-of-care immunoassay platform based on patented cathodic electrochemiluminescence technology.

It enables fast, accurate and affordable human diagnostics of biomarkers in whole blood samples, including human CRP, MxA, SARS-CoV-2 IgG NP and RBD kits and many more in the pipeline.

ANALYZER'S FEATURES

- Fast assay time, quantitative results
- Excellent precision
- Versatile device for multiple analytes
- Compact and maintenance-free instrument
- User-friendly 5" touch screen
- Transfer of results via Bluetooth using a free Windows or Android App



Labmaster Ltd is a Finnish enterprise delivering innovative *in vitro* medical devices for clinical diagnostics and research. Our products are based on the proprietary cathodic electrochemiluminescence technology of the Labmaster LUCIA™ Analyzer, which is an efficient and compact platform for the testing of a variety of analytes in whole blood. Our mission is to develop fast, accurate and cost-effective point-of-care solutions for healthcare professionals.

Founded in 1985, Labmaster is rooted in the strong expertise in life sciences of the Turku region in Finland. Today, our team consists of R&D and production engineers and chemists, laboratory technicians, software developers as well as quality and financial specialists.



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Labmaster Ltd
Rauhalinnantie 31
20780 Kaarina, Finland
Tel : +358 22 760 555
E-mail : sales@labmaster.fi
www.labmaster.fi

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