

LABMASTER
LUCIA™

CRP test kit
MxA test kit

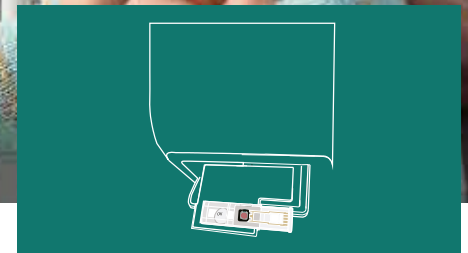
Applied together,
the CRP and MxA tests
provide an efficient method
for the differentiation of
viral and bacterial
acute respiratory tract
infections.

**DIAGNOSTIC TOOLS AGAINST
ANTIMICROBIAL RESISTANCE**

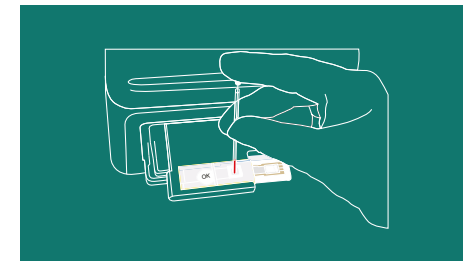
TRUE QUANTITATIVE RESULT FROM A FINGERTIP BLOOD SAMPLE

The Labmaster CRP and MxA point-of-care tests aid physicians to differentiate between viral and bacterial infections. When the results are used together, our tests support efficient diagnostic decisions on whether antibiotics are required. Based on a fingertip sample measurement, they provide a comfortable method for children and patients afraid of blood tests.

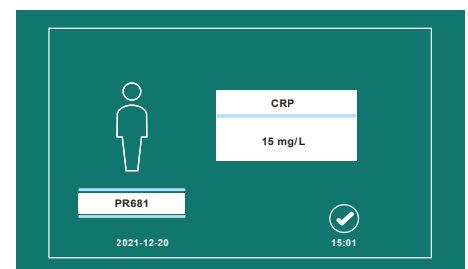
Labmaster Ltd, based in Kaarina, Finland, is a privately owned company focusing on delivering innovative diagnostics tools for applications in routine clinical diagnostics and research. Labmaster develops and commercializes the next generation of versatile detection tools based on its proprietary cathodic 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.**



Insert test cassette to tray of the analyzer



Add prepared sample to the cassette



Analyzer displays measurement result

LABMASTER
●●● medical devices

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



ALL-IN-ONE KITS

1. NFC CARD

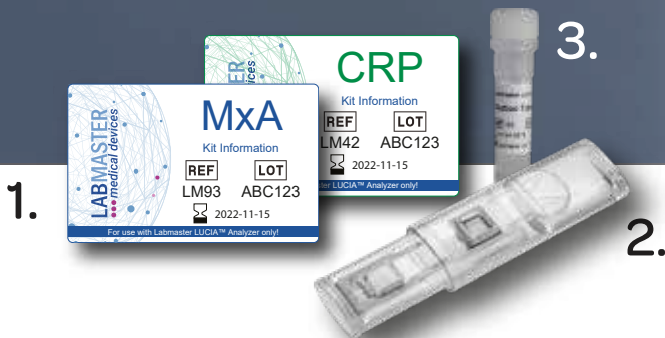
- Batch and analyte-specific parameters

2. TEST CASSETTE

- Antibody coated chip
- Washing buffer

3. SAMPLE PREPARATION TUBE

- Analyte-specific tubes included in the kit



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.

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

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

Legal disclaimer

Products designed, developed and manufactured by Labmaster Ltd. meet their specifications when stored and used according to the instructions for use. Labmaster LUCIA™ is a trademark designed and owned by Labmaster Ltd.

Products presented may not be available in all countries. Please check availability from your local representative.