

LABMASTER LUCIA™ CRP&MxA

ALL-IN-ONE KIT

1. TEST CASSETTE

- Sample application window
- Antibody coated chip
- Washing buffer

2. NFC CARD

- Lot and analyte specific parameters
- No calibration needed

3. DILUTION BUFFER TUBE

- For preparing the sample



INTENDED USE

Labmaster LUCIA™ CRP test is used for determination of C-reactive protein in whole blood samples with Labmaster LUCIA™ Analyzer.

Labmaster LUCIA™ MxA test is used for determination of Myxovirus resistance protein A in whole blood samples with Labmaster LUCIA™ Analyzer. The MxA is an informative general marker for the most common acute viral respiratory infections.

When applied together the CRP and MxA tests provide an efficient method for differentiation of viral and bacterial acute respiratory tract infections. This helps to reduce the antibiotic overuse and resistance.

Please check our new test status and pipeline on www.labmaster.fi

SPECIFICATION

LUCIA CRP

SAMPLE TYPE	Whole blood
SAMPLE VOL.	5 µL
MEASURING TIME	6 min
MEASURING RANGE	5-200 mg/L
PRECISION	CV ≤19%
STORAGE	+2 - +8 °C

SPECIFICATION

LUCIA MxA

SAMPLE TYPE	Whole blood
SAMPLE VOL.	7 µL
MEASURING TIME	11 min
MEASURING RANGE	50-1000 ng/mL
PRECISION	CV ≤19%
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 compact 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, easy to use and cost efficiency. Our quality management system is ISO 13485:2016 and 9001:2015 certified for the design, development and manufacturing of in vitro diagnostic medical devices, reagents and instruments.

LABMASTER LUCIA™

point-of-care diagnostics

ANALYZER'S FEATURES

- Fast assay time, quantitative results
- Excellent precision
- Versatile device for multiple analytes
- Compact and maintenance free instrument
- User friendly 5" touch interface
- Maintenance free

PRINCIPLE

LUCIA Analyzer is an analytic instrument based on cathodic electrochemiluminescence for measuring the concentration of designated analytes in the human blood.



1. Antigen in sample reacts with antibody coated in the cassette



Prepare and transfer the sample to the cassette

2. LUCIA Analyzer runs the assay



Insert the cassette into the LM LUCIA Analyzer

3. Measurement result



Results will be shown on screen and can be transferred via bluetooth to PC and Android devices with Labmaster LUCIA™ application.

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Legal disclaimer

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