

Sophonix MS-Fast

Automated Chemiluminescent Immunoassay Analyzing System

For detection of COVID-19 antibodies

Sophonix MS-Fast is a fully automatic chemiluminescence immunoassay analyzing system that, when used in combination with the Sophonix SARS-CoV-2 IgG and IgM antibody test kits, can qualitatively detect the content of SARS-CoV-2 IgG and IgM antibodies in human serum samples.

The analyzer uses indirect chemiluminescence based on chemiluminescent substrate (APS-5) and alkaline phosphatase, and is used together with the supporting detection reagents in the Sophonix SARS-CoV-2 tests to detect IgG and IgM antibodies that confirm exposure and indicate potential immunity to COVID-19.

Accelerate Diagnostics distributes the Sophonix MS-Fast system and Sophonix SARS-CoV-2 tests in Europe, the Middle East and Africa.



Specifications

Instrument type	Automated chemiluminescent immunoassay analyzing system
Model	MS-Fast
Detection batch	8-channel parallel detection, free to combine items
Sample material	Whole blood, serum, plasma (depending on the type of reagent)
Detection principle	Chemiluminescence enzyme-linked immunosorbent assay (CLEIA) and magnetic particle separation technology
Temperature reflex	37° C
Sample volume	30-150ul (80uL of serum for the IgG / IgM tests)
Wavelength	300-650nm
Data storage	Patient data: more than 100,000 samples (tests)
Size	508mm (W) x 586mm (D) x 343mm (H)
Weight	40 kg
Electrical requirements	220VAC
Rated power supply	220V~50Hz 200VA
Printer	Built in
Computer	Built in
Screen	180mm LCD touch screen (800x600)
Operating System	Microsoft Windows 10
24-hour operation (standby)	Recommended

Product Features

- Approved for CE-IVD use
- Time to result: 30 minutes (on instrument)
- Throughput/capacity: up to 8 samples per run
- Scalable, affordable benchtop model
- Excellent specificity and sensitivity compared to ELISA and lateral flow tests

To Order

Catalog Number/Product ID: A01

Contact your Accelerate Diagnostics country head/distributor or visit axdx.com/how-to-order for ordering information.

See labeling for additional details and instructions

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