

FLUORESCENCE IMMUNOASSAY ANALYZER

• 24600 FLUORESCENCE IMMUNOASSAY ANALYZER

Fluorescence Immunoassay Analyzer is an analyzer based on detection of fluorescence emitted during an immunoassay with antigen-antibody interaction. The analyzer is designed to provide quantitative or qualitative test results by the examination of human samples with specific in vitro diagnostic test units. It offers advantages of high accuracy, strong stability and fast results. Tests can be analyzed choosing between Quick Test mode or Standard Test mode.

Quick Test mode

Incubation of the test cassette is done outside the analyzer. It is also called "Batch mode" as multiple tests can be done in one batch, without waiting for finishing incubation of one test after another.

Standard Test mode

Incubation of the test cassette is done inside the analyzer. It is also called "Single Test mode", once the cassette is loaded after sample addition, a countdown starts and the user can walk away because the results will be automatically available after incubation period.

The analyzer requires the external software download, that allows to upload and save test records on Windows-based system PCs, if connected with USB cable.

For professional laboratories only.

Internal software in GB, FR, IT, ES, PT, DE switchable by users.

Supplied with QC ID Card, QC standard cassette, built-in battery, USB cable and multilingual manual (GB, IT).



ANALYZER TECHNICAL SPECIFICATIONS

Principle:	Fluorescence immunoassay	Connectivity:	RS232, USB port, Bluetooth
Test format:	cassette	Compatibility:	Windows-compatible proprietary program
Specimen:	urine/plasma/serum/whole blood/swab	Built-in battery:	rechargeable Li-ion battery NCR 18650B (MH12210)
Detection type:	quantitative or qualitative	Charging time:	3-8 hours
Reading time:	< 10 seconds	Power source:	2*3400 mAh
Display:	4.3" LCD touch screen	Size:	220x100x75 mm
Memory:	4000 records	Weight:	< 1.5 kg

HARDWARE AND SOFTWARE REQUIREMENTS

Minimum hardware requirements:
Intel Pentium IV 1.0 GB processor,
1.0 GB memory, 10 GB space on hard drive
Minimum software requirements:
Microsoft Windows XP, Windows 7
Microsoft Excel 2007 or newer versions

CASSETTE TESTS

Ready-to-use tests compatible with the fluorescence immunoassay analyzer.

12 cassette tests available with immediate results to measure or diagnostic different diseases.

Tests belong to different categories: inflammatory markers (CRP test); coagulation (D-dimer test); nephrology (Kidney failure and Procalcitonine tests); diabetes (Glycated Hemoglobin test); infectious diseases (Influenza A/B, Strep A, RSV, Covid-19 tests); cardiac (CTnI Troponin I); Vitamin D test.

TEST TECHNICAL SPECIFICATIONS

Tests	Specimen Type	Measuring range	Reaction time	Detection	Accuracy
CRP test	WB/S/P	0.5~200 mg/L	3 min	Quantitative	± 15%
Procalcitonine test (PCT)	WB/S/P	0.1~50 ng/mL	15 min	Quantitative	± 15%
D-dimer test	WB/P	0.1~10 mg/L	15 min	Quantitative	± 15%
cTnI Troponin I test	WB/S/P	0.1~40 ng/mL	15 min	Quantitative	± 15%
Kidney failure test (N-GAL)	Urine	10~1500 ng/mL	10 min	Quantitative	± 15%
Glycated Hemoglobin test (HbA1c)	WB	4~14.5%	10 min	Quantitative	± 15%
Influenza A/B test	Swab	5~300 mg/L	15 min	Qualitative	98.5-99.3%
Strep A test	Swab	1.0x10 ⁶ org/mL	15 min	Qualitative	97.1%
Respiratory Syncytial Virus (RSV) test	Swab	1.0x10 ² TCID 50/mL	15 min	Qualitative	-
COVID-19 Antigen test	Swab	-	10 min	Qualitative	97.53%
COVID-19 Antibody test	WB/S/P	-	15 min	Qualitative	96.9%
Vitamin D test	WB/S/P	5~100 ng/mL	15 min	Quantitative	± 15%

GIMA code	CASSETTE TESTS FOR 24600	Minimum order
24605	CRP test	box of 10
24606	Procalcitonine test (PCT)	box of 10
24608	D-dimer test	box of 10
24610	CTnI Troponin I test	box of 10
24612	Kidney failure test (N-GAL)	box of 10
24614	Glycated Hemoglobin test (HbA1c)	box of 10
24618	Influenza A/B test	box of 10
24619	Strep A test	box of 10
24620	Respiratory Syncytial Virus (RSV) test	box of 10
24622	COVID-19 Antigen test	box of 10
24623	COVID-19 Antibody test	box of 10
24625	Vitamin D test	box of 10

CONTENT OF KITS	ID Card	Cassette	Buffer	Safety lancets	Dropper 1 or 2	Workstat. tube, swab
CRP	•	•	•	•	2	•
Procalcitonine (PCT)	•	•	•	•	1	•
D-dimer	•	•	•	•	1	•
cTnI Troponin I	•	•	•	•	1	•
Kidney failure (N-GAL)	•	•	•	•	1	•
Glycated Hemoglobin (HbA1c)	•	•	•	•	2	•
Influenza A/B	•	•	•	•	•	•
Strep A	•	•	•	•	1	•
Respiratory Syncytial Virus (RSV)	•	•	•	•	•	•
COVID-19 Antigen	•	•	•	•	•	•
COVID-19 Antibody	•	•	•	•	2	•
Vitamin D	•	•	•	•	•	•

*1 dropper always 75 µl, 2 droppers 75 µl + 10 or 20 µl

COMBISCREEN® mALB/CREA - MICROALBUMINURIA DETECTION

• 24056 COMBISCREEN® mALB/CREA - tube of 25

Visual test for detection of microalbuminuria, based on albumin-to-creatinine ratio that provides accurate information on albumin level in urine, regardless of the urine concentration. The low detection limit of 22 mg/L enables reliable screening of risk patients.

Result is available in 60 seconds and can be easily read from a table provided with the label or automatically interpreted with Urilyzer® 100 Pro (24049).

Ideal for people with chronic conditions, such as diabetes and high blood pressure. No 24 h sample collection is necessary. Designed for healthcare professionals.

24056

