

# MEDOMICS MEDICAL TECHNOLOGY



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**PRODUCT CATALOG**

JIANGSU MEDOMICS MEDICAL TECHNOLOGY CO.,LTD

# COMPANY INTRODUCTION

Jiangsu Medomics Medical Technology Co, Ltd, founded in October 2017, is located at Biotech and Pharmaceutical Valley of Jiangbei New Area, Nanjing, Jiangsu, China. We are a company with artificial intelligence and fully automated diagnostic technology as the core, focusing on the subdivision of in vitro diagnostics detection. In the field of research and development, production and marketing are implemented and the strategic layout is integrated, an innovative high-tech medical device company that provides high-precision, on-site fast solutions for the world.

Medomics has made an all-round layout around innovative technology platforms such as molecular POCT, immune analysis, super-pixel imaging, and artificial intelligence, and has obtained nearly a hundred authorized intellectual property rights; we have established a GMP purification production workshop that meets NMPA and IVDR standards, which can meet different needs. Our products focus on the rapid detection in many fields such as infectious diseases, inflammatory infections, tumors and antibiotic resistance, with the advantages of rapid and precision, and have been exported to more than 70 countries and regions around the world. Since its establishment, Medomics has also won many national, provincial and municipal honors, such as "National High-tech Enterprise", "Jiangsu Provincial Engineering Technology Research Center", "Jiangsu Specialized New Small and Medium Enterprises", "Jiangsu Private Technology Enterprise" and "Nanjing Cultivation Unicorn Enterprise", etc., undertake the key research and development plan of the Ministry of Science and Technology, and won the third prize in the finals of the National Entrepreneurship and Innovation Competition, determined to become the leader in the development trend of the global IVD industry.

Medomics has always been adhering to the corporate values of "Integrity, Responsibility, Innovation, and Excellency", and is committed to providing more accurate and convenient testing services for the medical industry and the general public.



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Respiratory Diseases

SELF-TEST



**Multiple in one**  
One step process differentiate multiple infections



**Rapid**  
Results in 20-25 minutes



**Effective for mutation viruses**  
Cover different virus strain types



**Easy process**  
Self operation, no extra equipment needed



**Easy storage**  
Room temperature storage and transportation

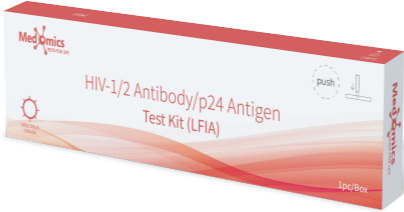


**Integrated strip design**  
Multiple test lines combined in one strip to facilitate the procedure

Tests	Specimen	Platform	Reaction Time
SARS-CoV-2 antigen Test Kit (LFIA)	NP/OP	GICA	15-20min
SARS-CoV-2 antibody Test Kit (LFIA)	S/P/WB	GICA	15-20min
SARS-CoV-2 & Influenza A/B Antigen Combo Rapid Test Kit (LFIA)	NP/OP	GICA	15-20min
SARS-CoV-2/RSV + Influenza A/B Antigen Combo Rapid Test Kit (LFIA)	NP/OP	GICA	20-25min
ADV/RSV/MP Antigen Combo Rapid Test Kit (LFIA)	NP/OP	GICA	20-25min
ADV/ RSV/ STREP A Antigen Combo Rapid Test Kit (LFIA)	NP/OP	GICA	20-25min
SARS-CoV-2/FluA/FluB + ADV/RSV/SA Antigen Combo Rapid Test Kit (LFIA)	NP/OP	GICA	15-25min

Sexually Transmitted Diseases

▶▶ Human Immunodeficiency Virus



Intended Use: Auxiliary diagnosis of people suspected of being infected with HIV type 1/2. For qualitative detection of HIV1 antibody, HIV2 antibody and p24 antigen in human serum, plasma or whole blood sample, The reaction on Ag or Ab test line suggest the possible infection.

Tests	Specimen	Platform	Reaction Time
HIV-1/2 Antibody/p24 Antigen Test Kit (LFIA)	S/P/WB	GICA	15-20min

▶▶ Candida Albicans/Trichomonas vaginalis / Gardnerella vaginalis antigen Combo Test Kit (LFIA)

- Quick results in 15 min
- Double strip design for easier operation
- Minimal training requirements to operate
- Detect infected pathogen antigen with high specificity



Tests	Specimen	Platform	Reaction Time
Candida Albicans/Trichomonas vaginalis / Gardnerella vaginalis antigen Combo Test Kit (LFIA)	Vaginal secretion	Latex Microsphere Immunoassay	15-20min

Infectious Diseases



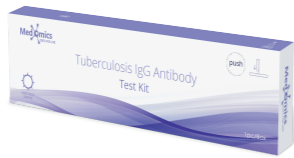
Dengue Fever



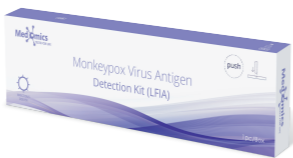
Malaria



Rotavirus



Tuberculosis



Monkeypox

Category	Tests	Specimen	Platform	Reaction Time
Dengue Fever	Dengue Fever IgM/IgG Test Kit	S/P/WB	GICA	15min
	Dengue Fever NS1 Antigen Test Kit	S/P/WB	GICA	15min
	Dengue Fever NS1/IgM/IgG Test Kit	S/P/WB	GICA	15min
Malaria	Malaria P.f. Antigen Test Kit	Whole Blood	GICA	20min
	Malaria P.f. /P.v. Antigen Test Kit	Whole Blood	GICA	20min
	Malaria Pan/P.f. Antigen Test Kit	Whole Blood	GICA	20min
Rotavirus	Rotavirus Antigen Test Kit	Feces	GICA	5-10min
Tuberculosis	Tuberculosis IgG Antibody Test Kit	Whole Blood	GICA	15min
Monkeypox	Monkeypox Virus Antigen Detection Kit (LFIA)	Blister fluid	GICA	15-20min
	Monkeypox Virus Antibody (IgM+IgG) Detection Kit (LFIA)	Pustular fluid	GICA	10-20min

Antibiotic Resistant Bacteria Tests

Antibiotic Resistant Bacteria Carbapenemases Test

- Rapid test of CRE in bacterial samples obtained after culture
- Significantly save time compare to antibiotic sensitivity test and PCR test
- Easy operation, Point-of-Care Test for ICU



Tests	Specimen	Platform	Reaction Time
KPC/IMP/NDM/VIM/OXA-48 Carbapenemase Combo Test Kit (LFIA)	Bacterial samples obtained after culture	GICA	15-20min

Cardiac Markers



Tests	Specimen	Platform	Reaction Time
cTnI+Myo+CK-MB Combo Rapid Test Kit	S/P/WB	FICA	15min
NT-proBNP Rapid test Kit	S/P/WB	FICA	15min
D-Dimer Rapid test Kit	P/WB	FICA	15min



## Inflammatory Markers



Tests	Specimen	Platform	Reaction Time
CRP Quantitative test Kit	S/P/WB/Peripheral blood	FICA	15min
PCT Quantitative Test Kit	S/P/WB	FICA	15min
IL-6 Quantitative Test Kit	S/P/WB	FICA	15min
C Reactive Protein /Serum amyloid A (SAA) Determination Kit	S/P/WB/Peripheral blood	FICA	15min
PCT&IL-6 Quantitative Test Kit	S/P/WB	FICA	15min



## Health Monitoring



Tests	Specimen	Platform	Reaction Time
HbA1c Rapid test Kit	Whole Blood	FICA	5min
Vitamin D Rapid Quantitative Test Kit	S/P/WB	FICA	15min
VB12 Rapid Quantitative Test Kit	S/P/WB	FICA	15min
FA Rapid Quantitative Test Kit	S/P/WB	FICA	15min



## Gastric Function



Tests	Specimen	Platform	Reaction Time
G-17 Quantitative Test Kit	S/P/WB	FICA	15min
PGI/PGII Quantitative Test Kit	Serum	FICA	15min
H.Pylori Antigen Test Kit	Stool	GICA	12min
H.Pylori Antibody Test Kit	Serum	GICA	12min



## Tumor Marker



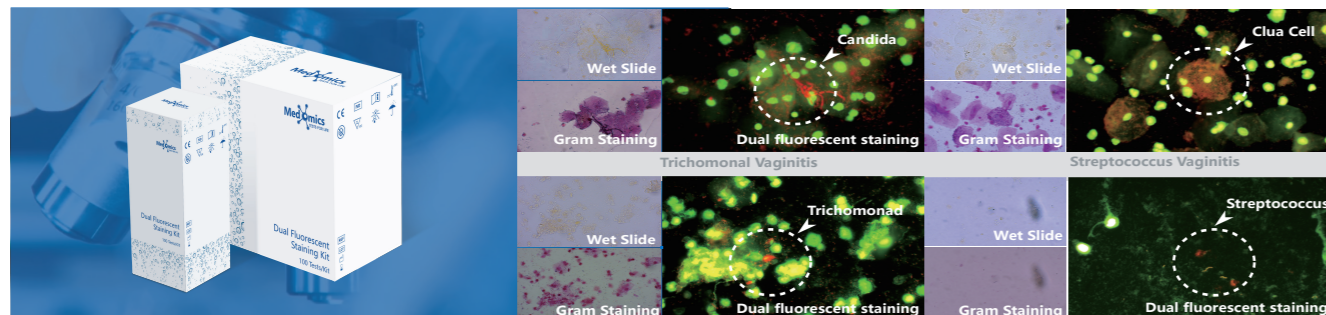
Intended use in detection of the concentration of prostate-specific antigen (PSA) in human whole blood, plasma and serum samples. It is mainly used for the dynamic monitoring of patients with malignant tumors to assist in judging the disease process or treatment effect.



Tests	Specimen	Platform	Reaction Time
Prostate Specific Antigen (PSA) Test Kit (LFIA)	S/P/WB	GICA	8-10min

## Fluorescent Stain

### ►► Dual Fluorescent Staining Kit



Intended use in microscopic procedures for the initial detection of microbiological in clinical specimens. The compound staining method makes the morphology of epithelial cells, leukocytes, bacilli, cocci, molds and trichomoniasis.

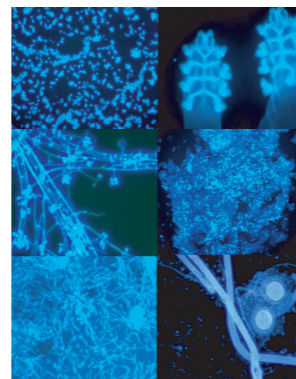
- Rapid fluorochrome stain for microscopic detection
- Clearer view under microscope
- Easy to operate, staining time < 1min
- Reduce the workload of laboratory technicians

### ►► Fungal Fluorescent Staining Solution

Fluorescent staining for fungal D-glucan detection. The D-glucan in the fungal cell wall binds to the high-purity fluorescein in this kit to form a complex that emits strong fluorescence at a specific excitation wavelength and can be distinguished from other substances by biological (fluorescent) microscopy.



- Morphological microscopic detection
- Provide clearer view under microscope
- Increase detection rate and accuracy
- Significantly reduce microscopy time



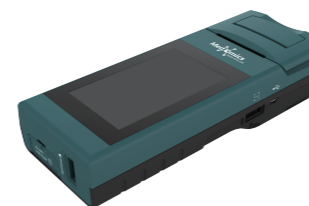
## Equipments

### ►► Portable fluorescent immunoassay reader

Clinical Testing for multiple fluorescent test cassettes. Apply to various kinds of medium and small medical institutions and rescue centers.



**Small**



**Portable**

**Accurate**

**Rapid**

#### Performance parameters:

- Testing principle: Fluorescence immunoassay
- Testing channel: Single-channeled
- Screen size: 5-inch touchscreen
- Language interface: English and other languages
- Printer: Built-in thermal printer
- Reagent card code: Bar code, QR code (customizable)
- Dimension: 240 mm\*90 mm\*45 mm
- Net weight: 0.7 kg

### ►► Fluorescent Immunoassay Reader

Clinical Testing for multiple fluorescent test cassettes. Apply to various kinds of medium and small medical institutions and rescue centers.

#### Performance parameters:

- Testing principle: Fluorescence immunoassay
- Testing channel: Single-channeled
- Screen size: 7-inch touchscreen
- Language interface: English and other languages
- Printer: Built-in thermal printer
- Reagent card code: Bar code, QR code (customizable)
- Dimension: 215 mm\*302 mm\*155 mm
- Net weight: 3 kg



Equipments

High-Throughput Automated Stainer

Medomics high-throughput autostainer, combined with the double fluorescent staining solution, can perform fluorescent staining on standard glass slides coated with gynecological pathogen samples.



- Maximum capacity of 10 slides, and high speed of 80 sec./slide
- Independent micro-drop dyeing technology, effectively ensure the homogeneity
- Automatic, simple operation, standardized process
- Preserve cell morphology and quantity, reduce misjudgment



Digital Micro-Scanner

Medomics digital micro-scanner is an image analysis system, which can perform microbial morphology scanning and artificial intelligence interpretation on stained samples, and realize full automation from the input of processed samples to the output of results.



- Multi-depth fusion technology, intelligent inspection information system
- Fully automatic cell morphology analyzer for sample review
- Big data personalized diagnosis analysis

