

PRODUCT CATALOGUE

POCT

Point of Care Testing
(Dry Fluorescence Immunoassay)



“ Quantitative, Sensitive, Reliable ”

LS-1100

Lansionbio

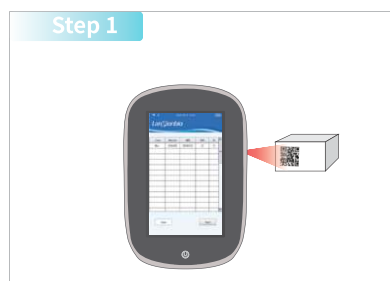
Dry Fluorescence Immunoassay Analyzer (Portable)



► Features:

Method	Time-resolved Fluorescence Immunoassay (TRFIA)
Specimen	Serum/Plasma/Whole Blood/Nasal swab
Weight	1.3kg
Dimensions	225mm×152mm×105mm (L×W×H)
Screen	7 inch touch screen
Data Storage	10000
Printer	Built-in thermal printer
Battery	Built-in lithium battery
Communication	RS232(LIS/HIS), USB

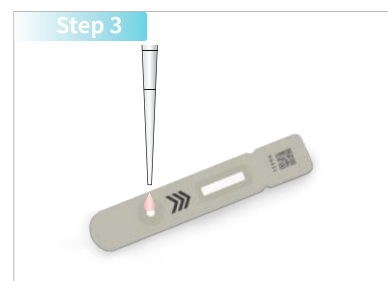
► Easy Operation:



QR Code Calibration



Information Input



Sample Dispense



Automatic Detection



Result Output

Lansion Biotechnology Co., Ltd.

LS-2100

LanSionbio

Dry Fluorescence Immunoassay Analyzer (8 Channels)

- Sensitive
- Reliable
- High Throughput
- Rapid



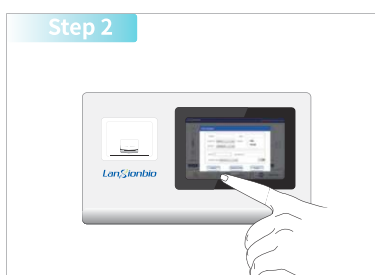
► Features:

Method	Time-resolved Fluorescence Immunoassay (TRFIA)
Specimen	Serum/Plasma/Whole Blood/Nasal swab
Weight	7.5kg
Dimensions	390mm×290mm×205mm (L×W×H)
Screen	10.1 inch HD touch screen
System	Android
Test Speed	120T/H
Data Storage	10000
Printer	Built-in thermal printer
Communication	RS232(LIS/HIS), RJ45, USB, WIFI, Bluetooth

► Easy Operation:



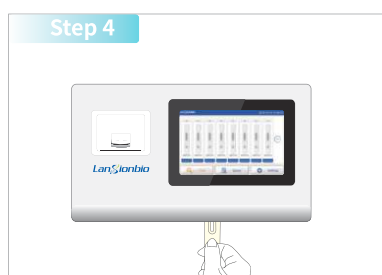
QR Code Calibration



Information Input



Sample Dispense



Insert Strip



Automatic Detection
(Up to 8 samples being detected simultaneously)



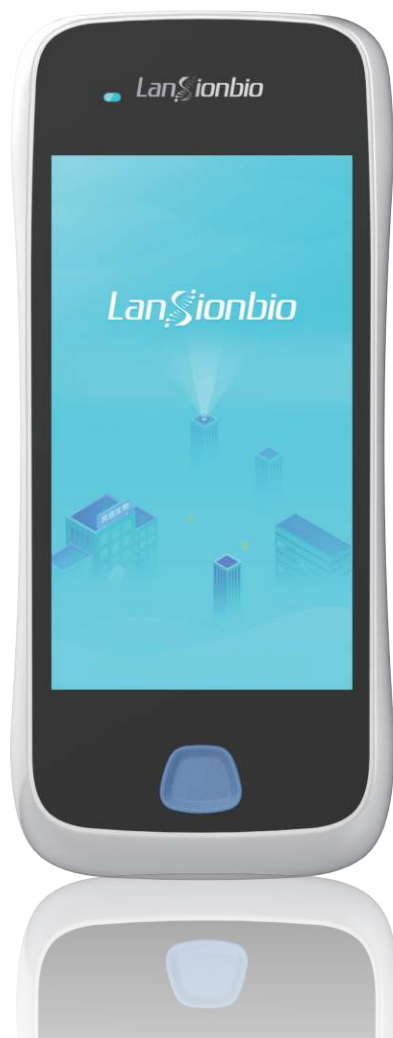
Result Output

—POCT One-stop Solution—

LS-4000

LanSionbio

Dry Fluorescence Immunoassay Analyzer (Handheld)



Quantitative

Reliable

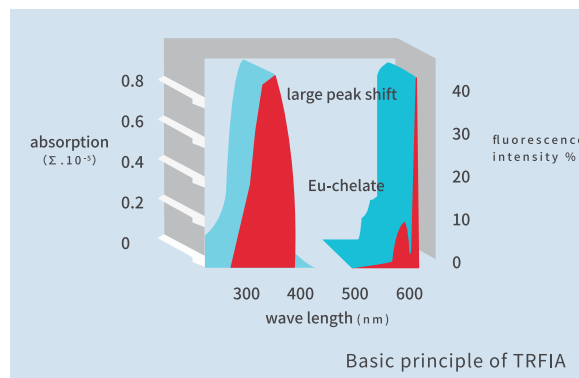
Sensitive

► Features:

Method	Time-resolved Fluorescence Immunoassay (TRFIA)
Specimen	Serum/Plasma/Whole Blood/Nasal swab
Weight	600g
Dimensions	191mm×84.5mm×45mm (L×W×H)
Screen	5.0 inch touch screen
Data Storage	50000
Battery	Built-in lithium battery (super standby time)
Communication	Type-C, 4G, USB, WIFI

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► Time-resolved Fluorescence Immunoassay (TRFIA) Method:



TRFIA is super-sensitive detection technique characterized by specific fluorescence of rare earth ions. It is not only highly sensitive, but also overcomes the instability of enzyme marker and is the better choice for immunological detection. The high fluorescence intensity and long life of labeled ionic chelates are beneficial to eliminate the influence of fluorescent substances in samples and environment on the test results.

► Analyzer Introduction:

The analyzer uses advanced methods of time-resolved fluorescence immunoassay (TRFIA) to perform in vitro quantitative detection of biomarkers of diabetes, infectious diseases, cardiovascular diseases, sex hormones, gastric diseases, thyroid function, tumors, COVID-19 and other diseases.

Application: laboratory, emergency , ICU, clinical laboratory, clinic, ambulance, field rescue and other clinical departments, etc.

► Application:



► Test Items:

Category	Test Item
COVID-19	COVID-19 Antigen
	(COVID-19) IgM/IgG★
	SARS-CoV-2 Neutralizing Antibodies★
	COVID-19 Antigen (Self-test) (Nasal Swab)
	COVID-19 Antigen (Self-test) (Saliva)
	Influenza A+B/COVID-19 Antigen
Diabetes	HbA1c★
Inflammation	CRP★
	PCT★
	SAA★
	SAA/CRP★
	PCT/CRP★
	IL-6
Cardiac	cTnI★
	hs-cTnI
	CK-MB
	Myo
	cTnI/CK-MB/Myo★
	NT-proBNP
	D-Dimer★
	H-FABP
	BNP
	FDP★
	ST2
Renal function	NGAL
	mAlb

Category	Test Item
Thyroid	TSH★
	TT3
	TT4
	FT3
	FT4
Hormone	β-HCG★
	FSH
	PRL
	Progesterone
	PSA
Gastric Function	fPSA
	PG I /PG II
Bone Metabolism	G-17
Anemia	25-OH-VD
Brain Injury	Ferritin★
Angiocarp	S100-β
Immune System	HCY
	CCP★
	IgG4
	RF★
	ASO★
Monkeypox Virus	IgE★
	Monkeypox Virus Antibody(Latex)
	Monkeypox Virus Antibody(Immunoassay)
	Monkeypox Virus Antigen(Latex)
others	B12

★Fingertip blood is available

New items are available soon!

Category	Test Item
Coming Soon	UA
	Cys-C
	Crea
	cMyBP-C

Category	Test Item
Coming Soon	cTnT
	Testosterone
	E2

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LA-100

HANDHELD

COAGULATION ANALYZER

LA-100

Handheld Coagulation Analyzer

1 Strip

20μL

8 minutes

whole
blood

6 Results



LA-100 Analyzer Specifications

Item	Parameters
Method	Electrochemistry
Specimen	Finger/venous whole blood
Display	4.0 inch color touch screen
Battery	Removable 18650 lithium batteries (Super standby time)
Charger	Power adapter (Standard) Charging base (Optional)
Communication	RS232, WIFI and Bluetooth

Single Test or Combine Test

- ACT (Activated Clotting Time)
- INR (International Normalized Ratio)
- APTT (Activated Partial Thromboplastin Time)
- PT (Prothrombin Time)
- FIB (Fibrinogenstrip)
- TT (Thrombin Time)

LS-30 Incubator

LS-30 Specifications

Item	Parameters
Name	Test strip incubator
Function	Heating, Mixing
Temperature	37±1°C
Working time	≥1000 hours
Dimensions	290×140×70mm
Weight	1kg

LS-30 can maintain the reaction temperature around 37 °C and fully mix to ensure the accuracy of the results.



LA-100

Handheld Coagulation Analyzer

- A** Convenient
One test kit, whole blood
- B** Rapid
within 8 minutes
- C** Efficient
6 results



Parameters <<<

Item	Reference Value	Clinical Significance
APTT	22-38s	Whether the internal blood coagulation of the reaction is normal.
PT	10-14s	Whether the internal blood coagulation of the reaction is normal.
FIB	2-4g/L	Content of fibrinogen in reactive plasma.
TT	14-20s	Screening experiment of fibrinolytic system.
ACT	80-140s	Whole blood coagulation test.

Clinical application <<<

- 1 Preoperative evaluation of coagulation function
- 2 Intraoperative monitoring
- 3 Screening of people with abnormal blood coagulation



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>>> Steps of Operation



Add Sample



Testing



Result