

POCT

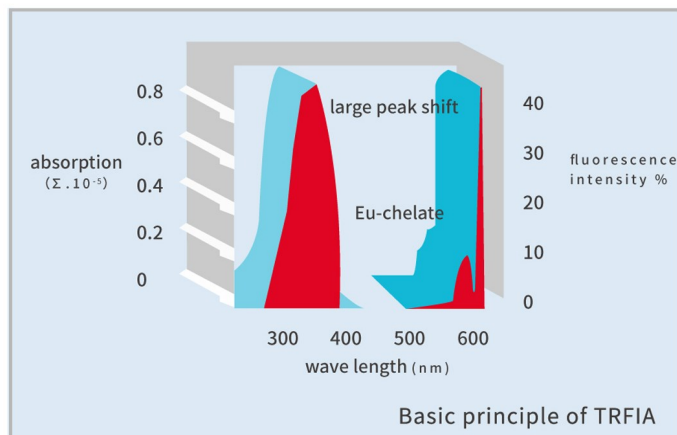
Point of Care Testing
(Dry Fluorescence Immunoassay)



**Quantitative, Rapid and High Sensitive
Reliable Result (QC system, QR code calibration)**

Lansion Biotechnology Co., Ltd.

► 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 best 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:

Analyzer uses the advanced method of Time-resolved Fluorescence Immunoassay (TRFIA), for the in-vitro quantitative detection of bio-markers for Diabetes Mellitus, Inflammation, Cardiovascular Diseases, Hormone, Gastric Diseases, Renal Diseases, Tumor, etc.

Application: Laboratory, ER, Cardiology, ICU, Respiratory, Pediatrics, etc.

► Application:



Laboratory



ICU



Cardiology



ER



Respiratory



Pediatrics

— POCT One-stop Solution —

LS-1100

Lansionbio®

Dry Fluorescence Immunoassay Analyzer (Portable)



► Features:

Method	Time-resolved Fluorescence Immunoassay (TRFIA)
Specimen	Serum/Plasma/Whole Blood/Urine
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 (standby time: 10hrs)
Communication	RS232(LIS/HIS), RJ45, USB, WIFI, Bluetooth

► Easy Operation:



QR Code Calibration



Information Input



Sample Dispense



Automatic Detection



Result Output

Lansion Biotechnology Co., Ltd.

LS-2100



Dry Fluorescence Immunoassay Analyzer (High Throughput)

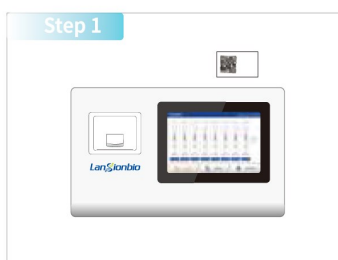
- **High Sensitive**
- **Reliable Results**
(QC system+QR Code Calibration+Inner temperature control)
- **High Throughput**
(8 channels)
- **Rapid**
(in 10 secs)



► Features:

Method	Time-resolved Fluorescence Immunoassay (TRFIA)
Specimen	Serum/Plasma/Whole Blood/Urine
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 Result

High sensitive

► Features:

Method	Time-resolved Fluorescence Immunoassay (TRFIA)
Specimen	Serum/Plasma/Whole Blood/Urine
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	RS232, Type-C USB, WIFI, Bluetooth and 4G

Lansion Biotechnology Co., Ltd.



SARS-CoV-2 NAb neutralizing Antibody test kit


SARS-CoV-2 Neutralizing Antibodies Test Kit (Dry Fluorescence Immunoassay)

LS-400 Quick Operation Guide

Preparation

1. Scan QR code to read item information.
"Settings"->"Project Management"->"Scan and Add"



2. Return to the homepage and click "Testing" button. Click  to scan QR Code on the test strip.
Note: The device supports batch scanning function: click "Save" button after scanning QR code and then click "Continue" button to add to sample list; this cycle, you can add multiple sample information.



3. Double-click the sample information list to edit the sample information.



Adding the Sample

- For detailed information on adding the sample please refer to test procedure of the test kit.

Testing

For Panel outside:

1. Insert the test strip into the slot immediately after adding sample mixture to the sample well.
Note: Please insert the test strip corresponding to the sample information.



2. Press "Incubate" to start incubating (incubation time depends on test item).



3. Read the test result or print the result.



For Panel inside:

1. Leave the test strip with the sample mixture at room temperature for reaction (reaction time depends on test item).



2. Insert the test strip into the slot when reaction is ended.



2. Press "POCT" to start testing for 3-5s.



2. Read the test result or print the result.



► Test Items:

Category	Test Item	Specimen Type	Sample Volume	Reaction Time	Measuring Range
COVID-19	Antigen	Nasal Swab	100 μ l	15min	-
	IgM/IgG	S/P	5 μ l	15min	-
	NAb	S/P	100 μ l	15min	-
Diabetes	HbA1c	WB	5 μ l	15min	3-14%
Inflammation	CRP	S/PWB	5 μ l	3min	0.5-200 μ g/mL
	PCT	S/P	100 μ l	10min	0.1-50ng/mL
	SAA	S/P/WB	5 μ l	3min	2-300 μ g/mL
	SAA/CRP	S/P/WB	5 μ l	5min	SAA:2-300 μ g/mL
					CRP:0.5-200 μ g/mL
	PCT/CRP	S/P	5 μ l	3min	PCT:0.1-50ng/mL
					CRP:0.5-200 μ g/mL
IL-6	S	100 μ l	15min	5-2000pg/mL	
IgG4	S/P	100 μ l	15min	0.055-3.3g/L	
Cardiac	cTnI	S/P	100 μ l	10min	0.05-40ng/mL
	CK-MB	S/P	100 μ l	10min	0.2-80ng/mL
	Myo	S/P	100 μ l	10min	20-500ng/mL
	cTnI/CK-MB/Myo	S	100 μ l	10min	cTnI:0.05-40ng/mL
					CK-MB:0.2-80ng/mL
					Myo:20-500ng/mL
	NT-proBNP	S/P	100 μ l	15min	50-25000pg/mL
	D-Dimer	P	100 μ l	10min	0.1-10 μ g/mL
	H-FABP	S/P	100 μ l	5min	1ng/mL-200ng/mL
	BNP	S/P	100 μ l	15min	5-5000pg/mL
Lp-PLA2	S/P	100 μ l	10min	10-1000ng/mL	
Hormone	TSH	S/P	100 μ l	15min	0.1-60 μ IU/mL
	TT3	S/P	100 μ l	15min	0.5-10nmol/mL
	TT4	S/P	100 μ l	10min	10-350nmol/mL
	25-OH-VD3	S/P	100 μ l	10min	11ng/mL-43ng/mL
	25-OH-VD	S/P/WB	S/P:5 μ l	10min	5.0-70ng/mL
			WB:20 μ l		
	β -HCG	S/P	50 μ l	15min	2.0-20000mIU/mL
	AMH	S	100 μ l	10min	0.1-50ng/mL
	LH	S	100 μ l	10min	1.02-200mIU/mL
	FSH	S	100 μ l	10min	1-200mIU/mL
	PRL	S	100 μ l	15min	200-4000 μ IU/mL
	Progesterone	S/P	100 μ l	10min	0.8-50ng/mL
Gastric Function	PG I /PG II	S	100 μ l	10min	PGI: 10-160 ng/mL
					PGII: 6.25-100 ng/mL
Tumor	PSA	S/P	100 μ l	10min	0.1-100ng/mL

New items are available soon!

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