

► Test Items:

Category	Test Item	Specimen Type	Sample Volume	Reaction Time	Measuring Range
Diabetes	HbA1c	WB	5uL	15min	3.0-14.0%
Inflammation	CRP	S/P/WB	5uL	3min	0.5-200mg/L
	PCT	S/P/WB	25uL	10min	0.05-100ng/mL
	SAA	S/P/WB	10uL	15min	2.0-300ug/mL
Cardiac	CK-MB	S/P/WB	100uL	10min	2.0-80ng/mL
	cTnI	S/P/WB	100uL	10min	0.05-40ng/mL
	Myo	S/P/WB	100uL	10min	20-600ng/mL
	NT-proBNP	S/P/WB	100uL	15min	50-25000pg/mL
	D-Dimer	P/WB	100uL	10min	0.1-10mg/L
	H-FABP	S/P/WB	100uL	15min	1-120ng/mL
Hormone	T3	S/P/WB	100uL	10min	0.5-10nmol/L
	T4	S/P/WB	100uL	10min	10-350nmol/L
	TSH	S/P/WB	100uL	10min	0.1-60uIU/mL
	25-OH-D ₃	S/P	100uL	15min	5-80ng/mL
	β-HCG	S/P/WB	25uL	15min	5-50000mIU/mL
	LH	S/P/WB	100uL	15min	5-200mIU/mL
	FSH	S/P/WB	100uL	10min	1-150mIU/mL
	GH	S/P/WB	100uL	10min	0.05-100ng/mL
	PRL	S/P/WB	100uL	10min	1-100ng/mL
	AMH	S/P/WB	100uL	10min	0.1-50ng/mL
	PGI	S/P/WB	100uL	10min	10-60ng/mL
Gastric Function	PGII	S/P/WB	100uL	10min	5-100ng/mL
	G-17	S/P/WB	100uL	10min	5-300ng/mL
Renal Function	NGAL	S/P/WB/Urine	100uL	10min	50-5000ng/mL
	mALB	Urine	100uL	5min	10-200mg/L
	β2-MG	S/P/WB	10uL	10min	0.5-20mg/L
	CysC	S/P/WB	10uL	5min	0.5-10ng/L
Others	PSA	S/P/WB	100uL	10min	2-50ng/mL

— New items are ongoing

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Lansion Biotechnology Co., Ltd.

LS-1100

Dry Fluorescence Immunoassay Analyzer (Portable)



Quantitative

Rapid

Sensitive

Reliable

Accurate, Anytime and Anywhere

LS-1100 Dry Fluorescence Immunoassay Analyzer (Portable)

► **Analyzer Introduction:**

LS-1100 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.

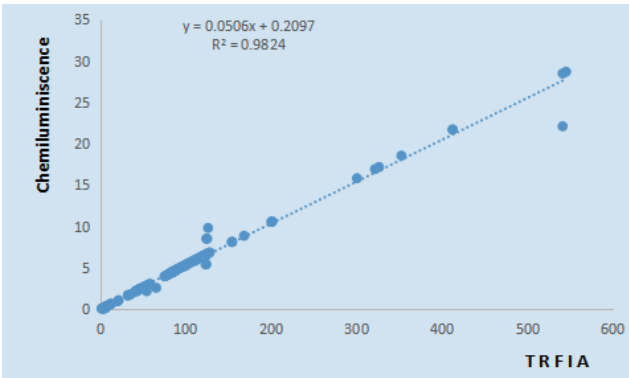
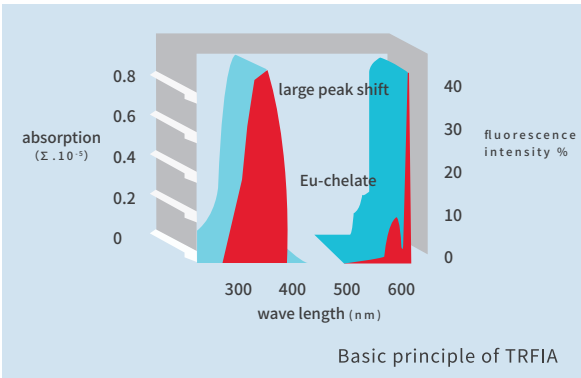
► **Features:**



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

Method	Time-resolved Fluorescence Immunoassay (TRFIA)
Specimen	Serum/Plasma/Whole Blood/Urine
Weight	1.3 kg
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: 10 hrs)
Information System	RS232(LIS/HIS), USB, WIFI, Bluetooth

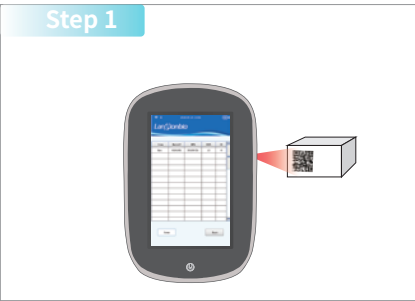
► **Time-resolved Fluorescence Immunoassay (TRFIA) Method:**



Good correlation with chemiluminescence 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.

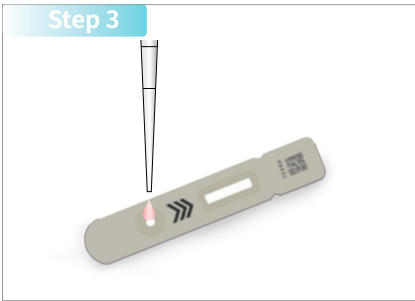
► **Easy Operation:**



QR Code Calibration



Information Input



Sample Dispense



Automatic detection



Result Output

► Test Items:

Category	Test Item	Specimen Type	Sample Volume	Reaction Time	Measuring Range
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Inflammation	CRP	S/P/WB	5uL	3min	0.5-200mg/L
	PCT	S/P/WB	25uL	10min	0.05-100ng/mL
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	Myo	S/P/WB	100uL	10min	20-600ng/mL
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	FSH	S/P/WB	100uL	10min	1-150mIU/mL
	GH	S/P/WB	100uL	10min	0.05-100ng/mL
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Gastric Function	PGI	S/P/WB	100uL	10min	10-60ng/mL
	PGII	S/P/WB	100uL	10min	5-100ng/mL
	G-17	S/P/WB	100uL	10min	5-300ng/mL
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	mALB	Urine	100uL	5min	10-200mg/L
	β2-MG	S/P/WB	10uL	10min	0.5-20mg/L
	CysC	S/P/WB	10uL	5min	0.5-10ng/L
Others	PSA	S/P/WB	100uL	10min	2-50ng/mL

New items are ongoing

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LS-2100

Dry Fluorescence Immunoassay Analyzer (High Throughput)



Fast, Accurate and High-performance



LS-2100 Dry Fluorescence Immunoassay Analyzer (High Throughput)

► Analyzer Introduction:

LS-2100 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. LS-2100 has 8 channels, it can detect at most 8 samples with different items simultaneously.

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

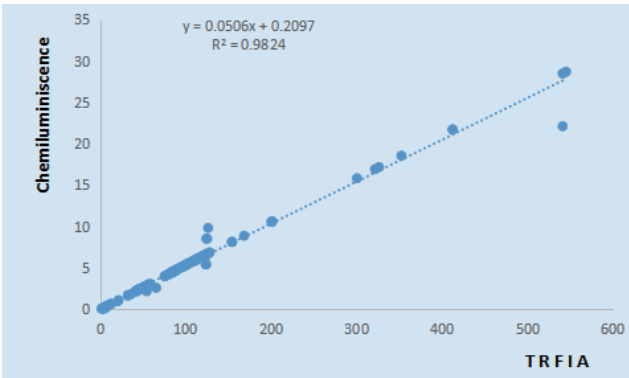
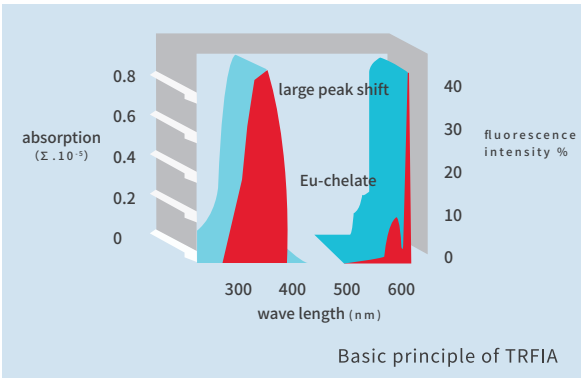
► Features:

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



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

► Time-resolved Fluorescence Immunoassay (TRFIA) Method:



Good correlation with chemiluminescence 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.

► Easy Operation:



LS-4000

Dry Fluorescence Immunoassay Analyzer(Handheld)



Application



Aviation Rescue



Outdoor Rescue



First-aid Kit



Ambulance



Family Health Care

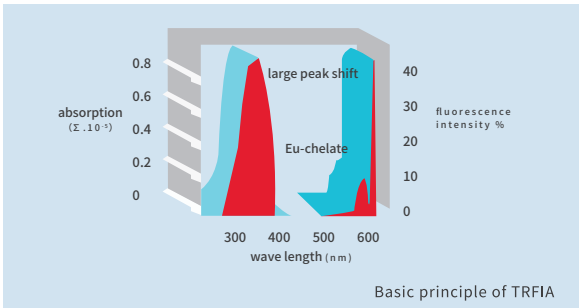


Field Force

Lansion Biotechnology Co., Ltd.

Method

Time-resolved Fluorescence Immunoassay (TRFIA)



LS-4000 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.

Quantitative Reliable Result High-sensitive

Specifications



Method	Time-resolved Fluorescence Immunoassay (TRFIA)
Specimen	Serum/Plasma/Whole Blood/Urine
Weight	600 g
Dimensions	191mm × 84.5mm × 45mm (L×W×H)
Screen	5.0 inch touch screen
Data Storage	50000
Battery	Built-in lithium battery (standby time: 72 hrs)
Information System	RS232, Type-C USB, WIFI, Bluetooth and 4G

Test Items

- **Diabetes:** HbA1c
- **Cardiac:** CK-MB, cTnI, Myo, NT-proBNP, D-Dimer, H-FABP
- **Inflammation:** CRP, PCT, SAA
- **Hormone:** TSH, T3, T4, 25-OH-D3, β-HCG, LH, FSH, GH, PRL, AMH
- **Renal Function:** NGAL, mALB, β2-MG, CysC
- **Gastric Function:** PGI, PGII, G-17
- **Others:** PSA



New items are ongoing

LA-100

Handheld Coagulation Analyzer (Electrochemistry)



User-friendly

Reliable

Combo Test

Lansion Biotechnology Co., Ltd.



LA-100 (Electrochemistry)

Handheld Coagulation Analyzer

Specifications



Method	Electrochemistry
Specimen	Peripheral Blood
Weight	300 g
Reaction Time	1-5 min
Dimensions	160.4mm × 80mm × 39 mm (L×W×H)
Screen	4.0 inch touch screen
Data Storage	300
Battery	Built-in lithium battery (standby time: 72 hrs)
Charger	Charging base
Information System	RS232, WIFI and Bluetooth

Test Items

- PT (Prothrombin Time)
- TT (Thrombin Time)
- APTT (Activated Partial Thromboplastin Time)
- ACT (Activated Clotting Time)
- FIB (Fibrinogen)

Coagulation tests are becoming common and routine in the clinical laboratory. They are mainly applied to the pre-operative examination, the pre-thrombosis examination and the monitoring of clinical oral anticoagulants patients. It's requested to test PT, TT, APTT and FIB before patient surgery.

LA-100 coagulation analyzer is one initiative device, which combines ACT, PT, TT, FIB, APTT in one strip (five-in-one).

