

► 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
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
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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LS-1100

Dry Fluorescence Immunoassay Analyzer (Portable)

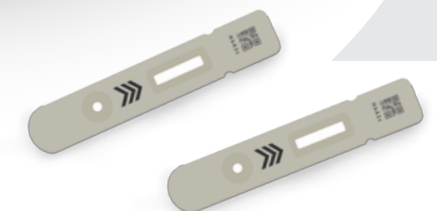


Quantitative

Rapid

Sensitive

Reliable



Accurate, Anytime and Anywhere

Lansion Biotechnology Co., Ltd.

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.

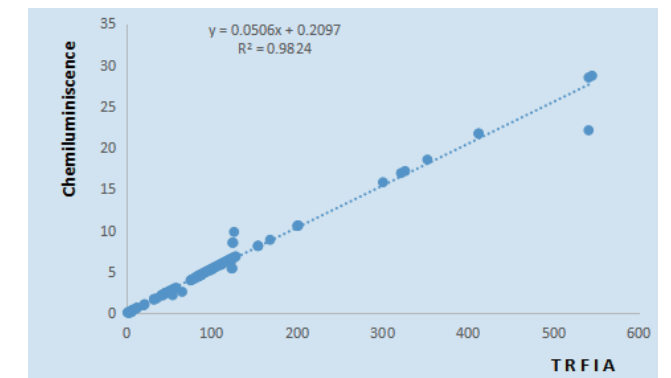
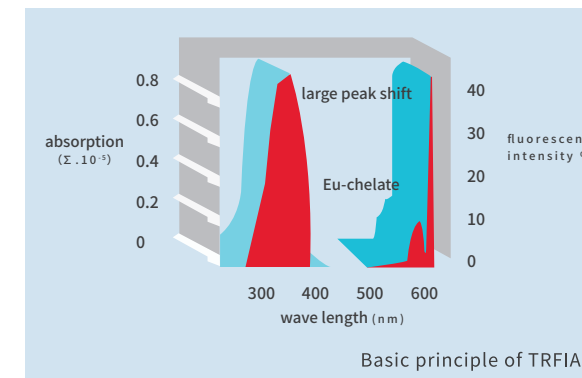
► Features:



“ **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:

Step 1

QR Code Calibration

Step 2

Information Input

Step 3

Sample Dispense

Step 4

Automatic detection

Step 5

Result Output