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)
Diabetes	HbA1c
Inflammation	CRP
	PCT
	SAA
	SAA/CRP
	PCT/CRP
	IL-6
Cardiac	cTnI
	CK-MB
	Myo
	cTnI /CK-MB/Myo
	NT-proBNP
	D-Dimer
	H-FABP
	BNP
	FDP
	ST2

Category	Test Item
Thyroid	TSH
	TT3
	TT4
Hormone	β-HCG
	AMH
	LH
	FSH
	PRL
	Progesterone
Gastric Function	PG I /PG II
	G-17
Tumor	PSA
Bone Metabolism	25-OH-VD
Anemia	Ferritin
Brain Injury	S100-β
Angiocarpy	HCY
Immune System	IgG4
	CCP

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New items are available soon!

Category	Test Item
Coming soon	Lp-PLA2
	Influenza A+B/COVID-19 Antigen
	NGAL
	UA
	Cys-C
	Crea
	mA1b
	cMyBP-C

Version No.: LS-B-1.1

Henan Forever Medical Co., Ltd.

HENAN FOREVER MEDICAL CO.,LTD.

Room 806, Floor 8, Wanda Center, Jinshui District, Zhengzhou, Henan Province, China

FAX:86-371-61315853

Email: Julianne@yjcompany.com

Whatsapp/TEL.:86-18638789724

Web: www.forermedchina.com

FORERMED

YJ-Q01

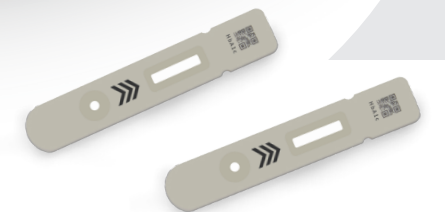## Dry Fluorescence Immunoassay Analyzer (Portable)

- Quantitative
- Rapid
- Sensitive
- Reliable

Accurate, Anytime and Anywhere

CE IVD

YJ-Q01   Dry Fluorescence Immunoassay Analyzer (Portable)

▶ Analyzer Introduction:

YJ-Q01 uses the advanced method of Time-resolved Fluorescence Immunoassay (TRFIA), for the in-vitro quantitative detection of bio-markers for 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.
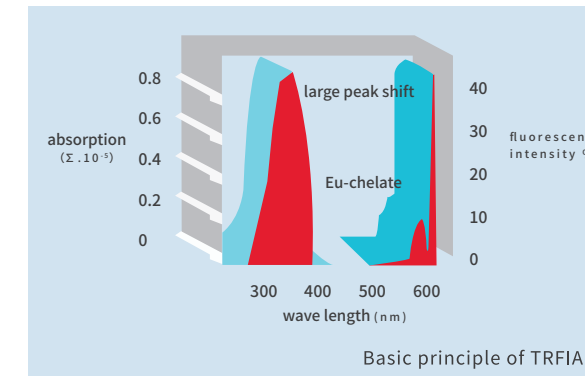
▶ Features:

" Quantitative, Sensitive, Reliable "

Method	Time-resolved Fluorescence Immunoassay (TRFIA)
Specimen	Serum/Plasma/Whole Blood/Nasal swabs
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), USB

▶ Time-resolved Fluorescence Immunoassay (TRFIA) Method:

absorption $(\Sigma.10^{-1})$
0.8
0.6
0.4
0.2
0
large peak shift
Eu-chelate
40
30
20
10
0
fluorescence intensity %
300   400   500   600
wave length (nm)

Basic principle of TRFIA

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.

▶ Easy Operation:

Step 1
QR Code Calibration

Step 2
Information Input

Step 3
Sample Dispense

Step 4
Automatic Detection

Step 5
Result Output