

IVD Industry
POCT Leading Brand

FIA8000

Quantitative Immunoassay Analyzer

PREMIUM POINT OF CARE SOLUTION



 Getein Biotechnology Co., Ltd.

FIA8000 *Quantitative Immunoassay Analyzer*



►► Highlights

- ◆ **Potable Design** Small in size (250 x 250 x 120mm); Light in weight (1.8kg)
- ◆ **Multiplex Test Items** Cardiac; Inflammation monitoring; Diabetes mellitus; Fertility; Renal function etc.
- ◆ **Easy to Use** Ready-to-use cassette, one-step test, automatic print, quantitative result
- ◆ **Reliable Performance** $CV \leq 1\%$; $r \geq 0.990$
- ◆ **LIS and HIS Connectivity**

►► Test Items

CARDIAC	cTnI	NT-proBNP	NT-proBNP/cTnI	CK-MB/cTnI/Myo
	*H-FABP	*CK-MB/cTnI/H-FABP		
VENOUS THROMBOEMBOLIS		D-Dimer		
INFLAMMATION MONITERING		hs-CRP	PCT	
DIABETES		*HbA1c		
FERTILITY		HCG		
RENAL FUNCTION		β_2 -MG	mAlb	CysC NGAL

*Under R&D, coming soon

►► Application Department

The analyzer can be widely applied to clinical departments including Cardiology Dept., Clinical Laboratory, Emergency Dept., ICU, Oncology Dept., Nephrology Dept., Pediatrics Dept., Endocrinology Dept., Gynecology Dept., Respiratory Dept., Gastroenterology Dept., Urology Dept. etc.

► Flexible Operation Modes

Inside Mode (General Test Mode)



Sample dispense



Test card insert



Press "ENT" button



Result printed automatically after reaction

Outside Mode (Mass Samples Rapid Test Mode)



Sample dispense



Timing the reaction manually



Test card insert



Result printed automatically in 5-8s

► Technical Data

Assay Method	Lateral Flow Chromatography (Colloidal Gold)	
Test Result	Quantitative	
Language	English/Chinese (Spanish, French, German, Russian, Arabic, Vietnamese etc. are under developing)	
Display	5.6 Inch Touch Screen; Resolution 640×480	
Printer	Internal Thermal Printer	
Working Environment	Temperature	+15℃ - 35℃
	Relative humidity	10% - 85%
	Air pressure	70.0kPa - 106.0kPa
Power Supply	AC 100~240V, 50~60 Hz	
Data Storage	10,000 results can be saved	
Dimensions	Height	120mm
	Width	250mm
	Length	250mm
Weight	1.8KG	

FIA8000 Test Items

Product	Disease	Measuring Range	Sample
cTnI	Myocardial infarction	0.5~50.00ng/mL	W.B/S/P
NT-proBNP	Heart failure	100~35000pg/mL	W.B/S/P
NT-proBNP/cTnI	Heart failure; Acute coronary syndrome	NT-proBNP: 100~12000pg/mL cTnI: 0.5~50.0ng/mL	W.B/S/P
CK-MB/cTnI/Myo	Myocardial injury	CK-MB: 2.5~80ng/mL cTnI: 0.5~50ng/mL Myo: 30~600ng/mL	W.B/S/P
PCT	Sepsis; Septic shock	0.1~50.0ng/mL	W.B/S/P
hs-CRP	Cardiovascular inflammatory diseases; Inflammatory disorders	0.5~200.00mg/mL	W.B/S/P
D-Dimer	Venous thromboembolism	0.1~10mg/L	W.B/P
HbA1c	Diabetes mellitus	2.0%~14%	W.B
mAlb	Early diagnosis and evaluation of diabetic nephropathy	10~200mg/L	Urine
CysC	Early diagnosis of kidney disease; Detection of kidney damage for surgery patients	0.5~10mg/L	W.B/S/P
β_2 -MG	Kidney damage for diabetic & hypertensive patients	0.5~20mg/L	W.B/S/P
NGAL	The best indicator of early renal injury	50.0~1500.0ng/mL	Urine
HCG	Pregnancy early test	5~10000mIU/mL	S/P

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