

Cardiac
Markers

Diabetes
Mellitus

Inflammation

Renal
Function

Thyroid
Function

Infectious
Disease

Fertility

Tumor
Markers

Getein1600

Immunofluorescence Quantitative Analyzer



Hello, The Future of POCT!

Getein1600

Immunofluorescence Quantitative Analyzer

Meeting multiple needs of emergency department and central laboratory



Intellectualized Software System

Android System

User-friendly interface

Diversified test modes: random, batch, STAT

LIS/HIS connectivity

WIFI/4G data transmission

Network printer



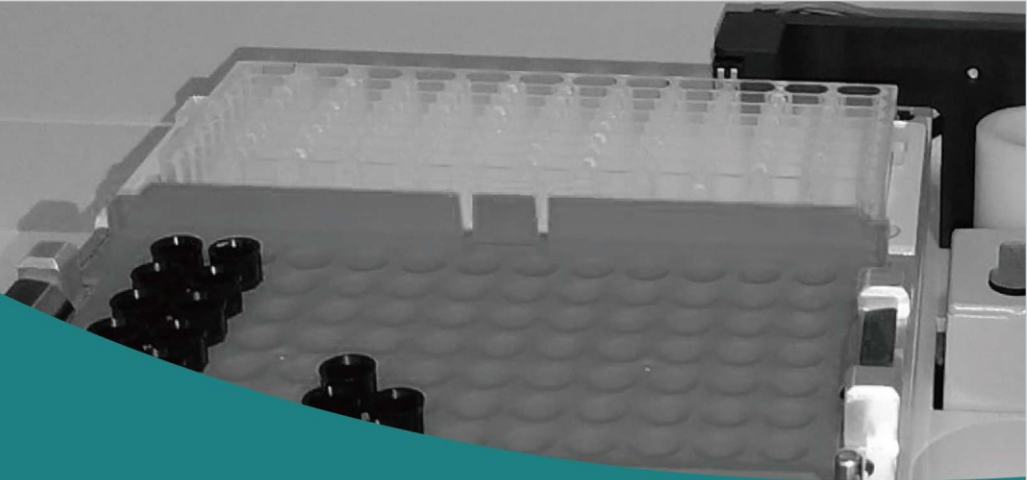
Simple Operation

Fully-automatic detection

Real-time monitoring of samples and consumables

Visualized reagent interface





High Throughput

48 Samples per run

Continuous loading of different test items

Up to 150 tests/hour



Accurate and Reliable Test Results

Fully-automatic sample adding system

Disposable tips with filter elements, which avoid cross-contamination

Automatic calibration, dilution and sample loading

Fully-automatic quality control

Leading the New Era of POCT !

TRADITIONAL POCT VS AUTOMATIC POCT

Automatic POCT		VS	Traditional POCT	
Operation	Avoid the inaccuracy of results caused by human factors		Time-consuming, manual operation, human fallibility	
Stability of Results	Stable		Easily affected by the operators	
Detection Efficiency	Relatively high		Relatively low	
Standardization	Easy for standardized management		Not easy for standardized management	
Detection Cost	Relatively low (low labor costs)		Relatively high	



Traceability of Results

Automatic barcode scanning of test items

Automatic recognition of reagents



Easy for Standardized Management

Fully-automatic sample loading and detection

Standard SOP documented

Meet the requirements of clinical laboratory standards

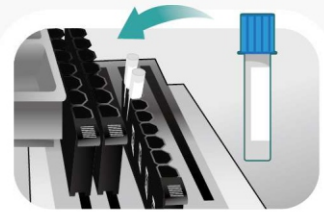
TECHNICAL PARAMETERS

Methodology	Immunofluorescence
Result	Quantitative
Throughput	48 Samples/run, 150 Tests/hour
Sample Type	WB, Plasma, Serum, Urine, Fingertip Blood
Storage Capacity	500000 data
Language	English/Chinese
Screen	10.4 Inch touch screen, Resolution: 1024*768
Power Supply	100-240 V~50/60 Hz
Working Environment	Relative humidity ≤70%, Air pressure 70.0~106.0 kpa
Dimension	639 mm×562 mm×728 mm (D×W×H)
Weight	45 kg

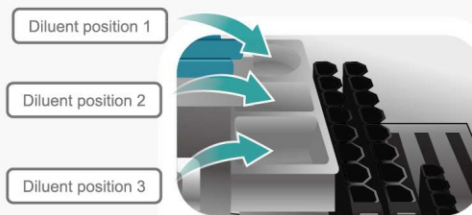
TEST PROCEDURE



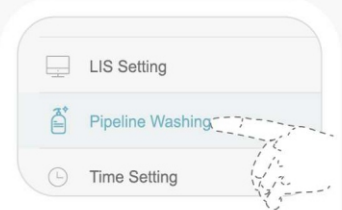
1 Insert cartridge into the instrument, the instrument will recognize the test item automatically.



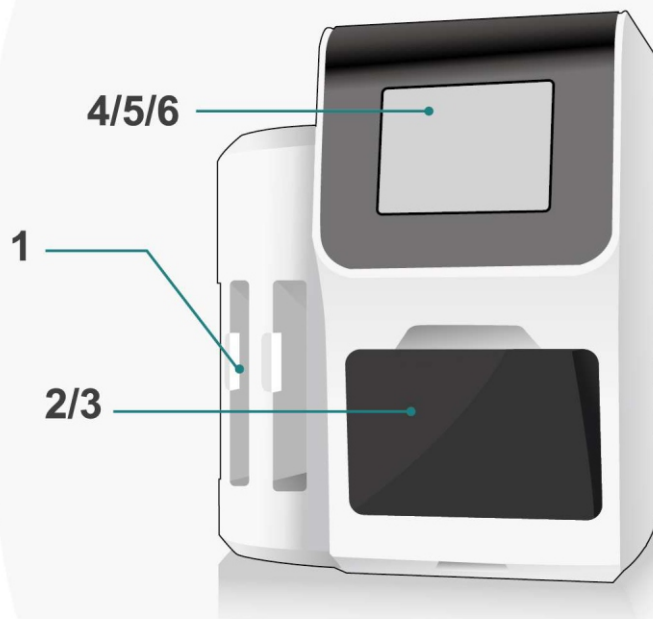
2 Insert the sample holder into the sample chamber.



3 Put the diluent into the instrument.



4 Perform pipeline washing before daily test.



Sample Edit: Row 6

1		Item:	SID
2		☐ CK-MB/cTnI/Myo	Name
3		☐ hs-CRP+CRP	Age
4		☐ cTnI	Gender M F Other
5		Type:	☐ Emergency
6		☐ Serum/Plasma	Start
7		☐ Whole Blood	Back
8		☐ Urine	
9		☐ Capillary Blood	

☐ Emergency Give priority to emergency sample testing.

5 Do test arrangement at parameters setting interface. Select test item and sample type, review patient information, and press Start to start testing.

Test Result

UID	Test Item	Result	Unit	Barcode	Name	Age	Time	More
3	hs-CRP	<0.5	mg/L				2023-08-03 10:07:37	test
	CRP	<10.0	mg/L					

6 The test results will be shown at Result interface.

TEST ITEMS

Cat. #	TEST ITEMS	DISEASES	CUT-OFF VALUE	SAMPLE TYPES	MEASURING RANGE	QUALIFICATION
Cardiac Markers						
IF2019	hs-cTnI	Myocardial infarction	0.040 ng/mL	S/P/WB	0.010-50.000 ng/mL	NMPA CE
IF2001	cTnI	Myocardial infarction	0.10 ng/mL	S/P/WB	0.10-50.00 ng/mL	NMPA CE
IF2089	BNP	Heart failure	100.0 pg/mL	P/WB	5.0-5000.0 pg/mL	NMPA CE
IF2002	NT-proBNP	Heart failure	300 pg/mL	S/P/WB	100-35000 pg/mL	NMPA CE
IF2005	CK-MB/cTnI/Myo	Myocardial damage /infarction	CK-MB: 5.00 ng/mL cTnI: 0.10 ng/mL Myo: 70.0 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL 30.0-600.0 ng/mL	NMPA CE
IF2006	D-Dimer	Venous thromboembolism	0.50 mg/L	P/WB	0.10-10.00 mg/L	NMPA CE
IF2012	CK-MB/cTnI	Myocardial damage /infarction	CK-MB: 5.00 ng/mL cTnI: 0.10 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL	CE
IF2014	H-FABP	Myocardial damage	6.36 ng/mL	S/P/WB	1.00-120.00 ng/mL	NMPA CE
IF2016	CK-MB/cTnI/H-FABP	Myocardial damage /infarction	CK-MB: 5.00 ng/mL cTnI: 0.10 ng/mL H-FABP: 6.36 ng/mL	S/P/WB	2.50-80.00 ng/mL 0.10-50.00 ng/mL 2.00-100.00 ng/mL	NMPA CE
IF2018	CK-MB	Myocardial injury	5.00 ng/mL	S/P/WB	2.50-80.00 ng/mL	CE
Diabetes Mellitus						
IF2017	HbA1c	Diabetes mellitus	3.80%-5.80%	WB	2.00%-14.00%	NGSP NMPA IFCC CE
Inflammation						
IF2003	hs-CRP+CRP	Cardiovascular inflammation /normal inflammation	3.0 mg/L 10.0 mg/L	S/P/WB Fingertip Blood	0.5-200.0 mg/L	NMPA CE
IF2007	PCT	Sepsis, bacterial infection	0.10 ng/mL	S/P/WB Fingertip Blood	0.05-50.00 ng/mL	NMPA CE
IF2015	PCT/CRP	Sepsis, bacterial infection	PCT: 0.10 ng/mL CRP: 3.0 mg/L	S/P/WB Fingertip Blood	0.10-50.00 ng/mL 0.5-200.0 mg/L	NMPA CE
IF2044	SAA	Bacterial/Virus infection	10.0 mg/L	S/P/WB/ Fingertip Blood	5.0-200.0 mg/L	NMPA CE
IF2090	SAA/CRP	Neonatal sepsis, Bacterial/virus infection	SAA: 10.0 mg/L CRP: 10.0 mg/L	S/P/WB/ Peripheral blood	5.0-200.0 mg/L 0.5-200.0 mg/L	NMPA CE
IF2088	IL-6	Acute inflammation	7.0 pg/mL	S/P/WB/ Peripheral blood	1.5-4000.0 pg/mL	CE
Renal Function						
IF2008	CysC	Acute and chronic renal diseases	0.51-1.09 mg/L	S/P/WB	0.50-10.00 mg/L	NMPA CE
IF2009	mAlb	Diabetic nephropathy, hypertensive nephropathy	20.0 mg/L	Urine	10.0-200.0 mg/L	NMPA CE
IF2010	NGAL	Acute kidney injury	Serum: 200.0 ng/mL Urine: 100.0 ng/mL	S/Urine	50.0-5000.0 ng/mL	NMPA CE
IF2011	β_2 -MG	Acute and chronic kidney diseases/tumours	0.80-3.00 mg/L	S/P/WB	0.50-20.00 mg/L	NMPA CE
Thyroid Function						
IF2022	T3	Hyperthyroidism, hypothyroidism	1.30-3.10 nmol/L	S/P	0.30-10.00 nmol/L	CE
IF2023	T4	Hyperthyroidism, hypothyroidism	59.00-154.00 nmol/L	S/P	5.40-320.00 nmol/L	CE
IF2024	TSH	Thyroid malfunction	0.27-4.20 μ U/mL	S/P	0.10-50.00 μ U/mL	NMPA CE
Fertility						
IF2013	HCG+ β	Fertility	5.1 mIU/mL	S/P	5.0-100000.0 mIU/mL	NMPA CE
IF2048	PRL	Infertility, gonadal disorders	Refer to User Manual	S/P	0.50-200.00 ng/mL	CE
IF2055	LH	Homeostasis fertility regulation	Refer to User Manual	S/P	0.20-150.00 mIU/mL	NMPA CE
IF2056	FSH	PCOS, infertility evaluation and pituitary disorders	Refer to User Manual	S/P	0.20-150.00 mIU/mL	CE
IF2066	AMH	Fertility, PCOS, gonadal function, precocious/late puberty	Refer to User Manual	S/P	0.10-20.00 ng/mL	CE
Tumor Markers						
IF2053	tPSA	Prostate cancer	4.00 ng/mL	S/P	0.50-100.00 ng/mL	
Infectious Disease						
IF2084	2019-nCoV IgM/IgG	COVID-19	1.00 COI	S/P/WB		CE
Metabolic Marker						
IF2031	25-OH-VD	Osteomalacia, osteoporosis	30.00-50.00 ng/mL	S/P	8.00-70.00 ng/mL	NMPA CE

