



**Getein**  
Biotech, Inc.

Stock Code: 603387

# Getein 1600

Immunofluorescence Quantitative Analyzer



**Hello, The Future of POCT!**

# Getein 1600

Immunofluorescence Quantitative Analyzer

Meeting multiple needs of emergency department and central laboratory



## Intellectualized Software System

User-friendly interface

Diversified test modes: random, batch, STAT

LIS/HIS connectivity



## 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

# Lead 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

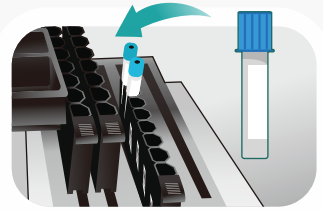
## TECHNICAL PARAMETERS

Methodology	Lateral flow chromatography(Immunofluorescence)
Result	Quantitative
Throughput	48 Samples/run, 150 Tests/hour
Sample Type	WB, Plasma, Serum, Urine, Fingertip Blood
Storage Capacity	10000 data
Language	English/Chinese (Spanish, French, German, Russian, Arabic, Vietnamese ,etc are under developing)
Screen	10.4 Inch touch screen, Resolution: 1024*768
Power Supply	100-240V~50/60Hz
Working Environment	Relative humidity ≤70%, Air pressure 70.0~106.0kpa
Dimension	639mm×562mm×728mm (D×W×H)
Weight	45kg

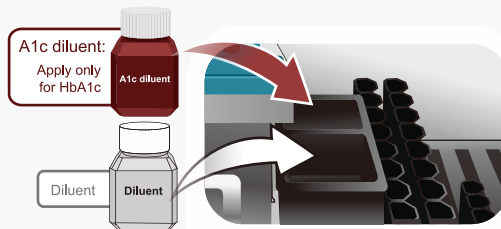
# TEST PROCEDURE



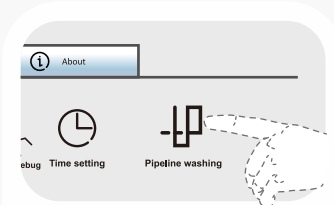
**1** Insert the test kit into the instrument.



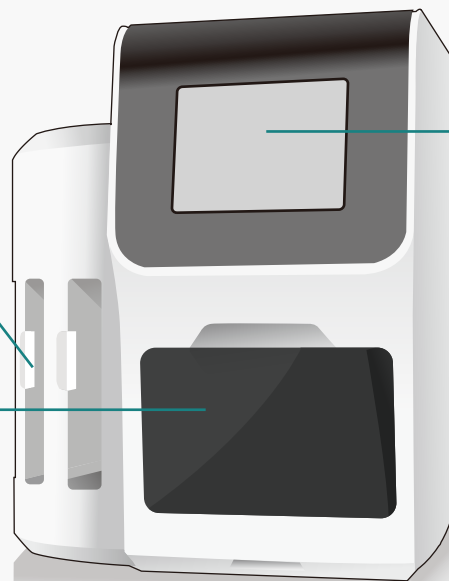
**2** Insert the sample holder into the sample chamber.



**3** Put the diluent into the instrument.



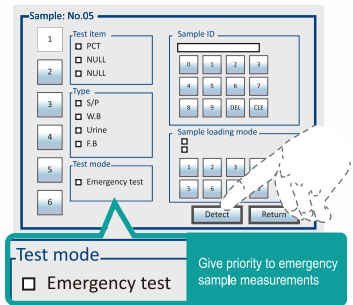
**4** Perform pipeline washing before daily test .



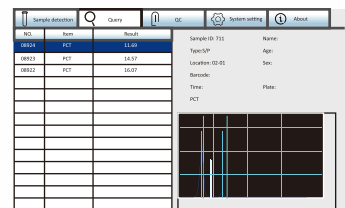
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**5** Do sample arrangement in parameters setting interface.



**6** The instrument will recognize the test item automatically and the results will be shown in "Query" interface.

# TEST ITEMS

Cat. #	TEST ITEMS	DISEASES	CUT-OFF VALUE	SAMPLE TYPES	MEASURING RANGE	QUALIFICATION
<b>Cardiac Markers</b>						
IF2001	cTnl	Myocardial infarction	0.1ng/ml	S/P/WB	0.1-50.0ng/ml	CFDA
IF2002	NT-proBNP	Heart failure	300pg/ml	S/P/WB	100-35000pg/ml	CFDA
IF2004	NT-proBNP/cTnl	Heart failure/ acute coronary syndrome	NT-proBNP: 300pg/ml cTnl: 0.1ng/ml	S/P/WB	100-15000pg/ml 0.1-50.0ng/ml	CFDA
IF2005	CK-MB/cTnl/Myo	Myocardial damage /infarction	CK-MB: 5.0ng/ml cTnl: 0.1ng/ml Myo: 70ng/ml	S/P/WB	2.5-80.0ng/ml 0.1-50.0ng/ml 30.0-600.0ng/ml	CFDA
IF2006	D-Dimer	Venous thromboembolism	0.5mg/L	P/WB	0.1-10.0mg/L	CFDA
IF2012	CK-MB/cTnl	Myocardial damage /infarction	CK-MB: 5.0ng/ml cTnl: 0.1ng/ml	S/P/WB	2.5-80.0ng/ml 0.1-50.0ng/ml	
IF2014	H-FABP	Myocardial damage	6.36ng/ml	S/P/WB	1.0-120.0ng/ml	CFDA
IF2016	CK-MB/cTnl/H-FABP	Myocardial damage /infarction	CK-MB: 5.0ng/ml cTnl: 0.1ng/ml H-FABP: 6.36ng/ml	S/P/WB	2.5-80.0ng/ml 0.1-50.0ng/ml 2.0-100.0ng/ml	CFDA
IF2018	CK-MB	Myocardial injury	5.0ng/ml	S/P/WB	2.5-80.0ng/ml	
<b>Diabetes Mellitus</b>						
IF2017	HbA1c	Diabetes mellitus	3.8%-5.8%	WB	2%-14%	NGSP CFDA IFCC
<b>Inflammation</b>						
IF2003	hs-CRP+CRP	Cardiovascular inflammation /normal inflammation	3mg/L 10mg/L	S/P/WB Fingertip Blood	0.5-200mg/L	CFDA
IF2007	PCT	Sepsis, bacterial infection	0.1ng/ml	S/P/WB	0.1-50.0ng/ml	CFDA
IF2015	PCT/CRP	Sepsis, bacterial infection	PCT: 0.1ng/ml CRP: 3.0mg/L	S/P/WB	0.1-50ng/ml 0.5-200mg/L	CFDA
<b>Renal Function</b>						
IF2008	CysC	Acute and chronic renal diseases	0.51-1.09mg/L	S/P/WB	0.5-10.0mg/L	CFDA
IF2009	mAlb	Diabetic nephropathy, hypertensive nephropathy	20mg/L	Urine	10.0-200.0mg/L	CFDA
IF2010	NGAL	Acute kidney injury	Serum: 200ng/ml Urine: 100ng/ml	S/Urine	50-5000ng/ml	CFDA
IF2011	$\beta_2$ -MG	Acute and chronic kidney diseases/tumours	0.8-3.0mg/L	S/P/WB	0.5-20.0mg/L	CFDA
<b>Hormone</b>						
IF2024	TSH	Thyroid malfunction	0.27-4.20 $\mu$ IU/ml	S/P	0.10-50.00 $\mu$ IU/ml	
<b>Fertility</b>						
IF2013	HCG+ $\beta$	Fertility	5.1mIU/ml	S/P	5-100000mIU/ml	CFDA
<b>Coming Soon</b>						
IF2044	SAA	Bacterial/Virus infection	10.0mg/L	S/P/WB/ Fingertip Blood	5.0-200.0mg/L	
IF2022	T3	Hyperthyroidism, hypothyroidism	1.30-3.10nmol/L	S/P	0.30-10.00nmol/L	
IF2023	T4	Hyperthyroidism, hypothyroidism	59.0-154.0nmol/L	S/P	5.4-320.0nmol/L	
IF2031	25-OH-VD	Osteomalacia, osteoporosis	30.0-50.0ng/mL	S/P	8.0-70.0ng/mL	
IF2053	tPSA	Prostate cancer	4.0ng/mL	S/P	0.50ng/mL-100.00ng/mL	

