zogen 10 yrs

IVD CE

Getein1100
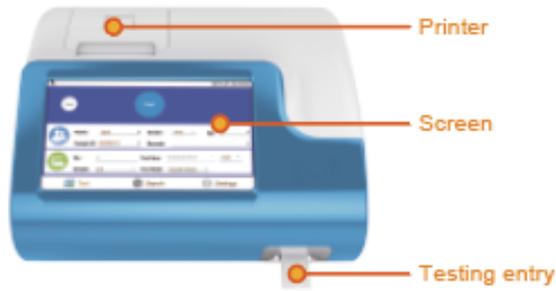
Immunofluorescence Quantitative Analyzer

PREMIUM POINT-OF-CARE SOLUTION

Printer
Screen
Testing entry

— Getein1100 —
Immunofluorescence Quantitative Analyzer

▷ **High-efficiency&Accuracy**
Advanced Fluorescence immunoassay and multiple quality control adopted.

▷ **Real-time Testing**
Results in about 2-15 minutes after sampling.
Results in 5 seconds when multi-item testing after cards inserted into the analyzer.

▷ **7 Inch Touch Screen, User-friendly Interface and Simple Operation**
More user-friendly interface with Android system inbuilt
Inside and outside mode optional depends on customers' demand
Special code scanning identification. Data printing and uploading automatically.

▷ **Wide Applications**
Small in size, light in weight and lithium battery inbuilt supporting its running in many environments

▷ **Comprehensive Detection Items for Diseases Management**
More than 10 matching reagents covering Cardiac, Inflammation, Renal function and Diabetes care etc.

Test Items

Cardiac	cTnI	NT-proBNP	CK-MB/cTnI/Myo	H-FABP*	CK-MB/cTnI/H-FABP*
Venous Thromboembolism	D-Dimer				
Inflammation Monitoring	hs-CRP+CRP	PCT			
Diabetes Care	HbA1c				
Renal Function	mAlb	β_2-MG	CysC	NGAL	
Hormone	TSH*	TSH/T3/T4*			

*Under developing

Application Departments

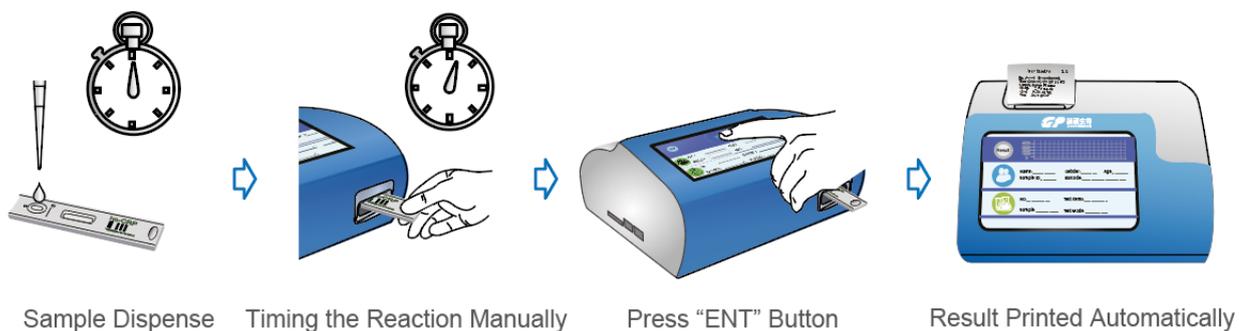The analyzer can be widely applied to many clinical departments as follows:

- Cardiology Dept.
- Clinical Laboratory.
- Emergency Dept.
- ICU
- Oncology Dept.
- Nephrology Dept.
- Pediatrics Dept.
- Endocrinology Dept.
- Gynecology Dept.
- Respiratory Dept.
- Gastroenterology Dept.
- Urology Dept.

Flexible Operation Modes

Normal mode (single sample rapid test mode)

Sample Dispense   Test Card Insert   Press "ENT" Button   Result Printed Automatically

Quick mode (mass samples rapid test mode)

Sample Dispense   Timing the Reaction Manually   Press "ENT" Button   Result Printed Automatically

Technical Data

Assay Method	Lateral flow chromatography (Immunofluorescence)
Test Result	Quantitative
Language	English/Chinese
Display	7 inch touch screen
Printer	Internal thermal printer
Working Environment	Temperature: +15 °C ~35 °C Humidity: 10%~85% Air pressure: 70.0 kPa~106.0 kPa
Power Supply	AC100 V~AC240 V, 50 Hz~60 Hz, 60 VA
Storage Capacity	10,000 data (Max)
Dimensions	261 mm×241 mm×115 mm (D×W×H)
Weight	1.9 kg

Getein1100 Test Items

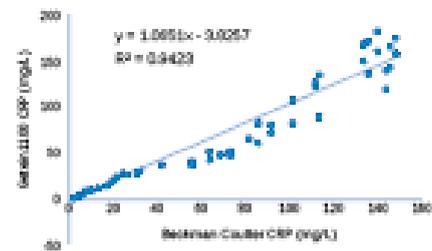| Cat.#	Test Item	Disease	Measuring Range	Sample	Cut-off Value	Reaction Time	Qualification
IF 1001	cTnI	Myocardial infarction	0.1~50.0 ng/ml	S/P/W.B	0.1 ng/ml	10 min	CE CFDA
IF 1002	NT-proBNP	Heart failure	100~35000 pg/ml	S/P/W.B	300 pg/ml	10 min	CE CFDA
IF 1003	hs-CRP+CRP	Cardiovascular inflammatory diseases; Inflammatory disorders	0.5~200.0 mg/L	S/P/W.B/ Fingertip blood	3 mg/L 10 mg/L	3 min	CE CFDA
IF 1005	CK-MB /cTnI /Myo	Myocardial injury	2.5~80.0 ng/ml 0.1~50.0 ng/ml 30~600.0 ng/ml	S/P/W.B	5 ng/ml 0.1 ng/ml 70 ng/ml	10 min	CE CFDA
IF 1006	D-Dimer	Venous thromboembolism; Pulmonary embolism	0.1~10.0 mg/L	P/W.B	0.5 mg/L	10 min	CE CFDA
IF 1007	PCT	Sepsis; Septic shock	0.1~50 ng/ml	S/P/W.B	0.1 ng/ml	15 min	CE CFDA
IF 1008	CysC	Early diagnosis of kidney disease; Detection of kidney damage for surgery patients	0.5~10.0 mg/L	S/P/W.B	0.51~1.09 mg/L	3 min	CE CFDA
IF 1009	mAlb	Early diagnosis and evaluation of diabetic nephropathy	10~200 mg/L	Urine	20 mg/L	3 min	CE CFDA
IF 1010	NGAL	The best indicator of early renal injury	50~5000 ng/ml	S/Urine	Serum:200 ng/ml Urine:100 ng/ml	10 min	CE CFDA
IF 1011	β_2-MG	Kidney damage for diabetic & hypertensive patients	0.5~20.0 mg/L	S/P/W.B	0.8~3.0 mg/L	3 min	CE CFDA
IF 1017	HbA1c	Diabetes mellitus	2%~14%	W.B	3.8%~5.8%	5 min	CE CFDA NGSP

hs-CRP+CRP

The sensitive indicator for diagnosis and identification of virus infection or bacterial infection

Clinical Applications

- Diagnosis and identification of virus infection or bacterial infection
- Detection of severity of conventional inflammation
- Monitoring of postoperative infection and complication
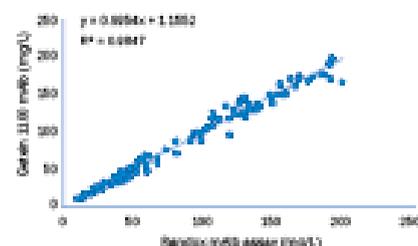- Prediction of cardiovascular event risk probability

The liner regression curve

mAlb

As a predictor of clinical diabetic nephropathy

Clinical Applications

- Indicator of Diabetes nephropathy, hypertensive nephropathy and early renal damage
- An early indicator of changes in renal and cardiovascular system
- Detection of Pregnancy-induced renal disease
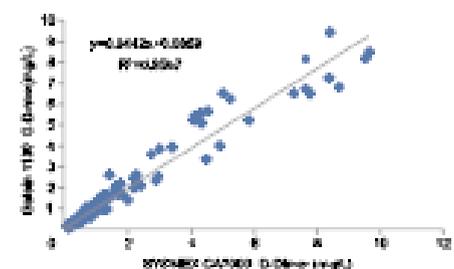- An important indicator in diagnosing glomerular injury

D-Dimer

The specific indicator for the exclusion of venous thromboembolism (VTE)

Clinical Applications

- Aid in the exclusion of venous thromboembolism (VTE)
- Aid in the exclusion of pulmonary embolism (PE)
- Aid in the diagnosis of disseminated intravascular coagulation (DIC)
- Aid in the diagnosis of acute coronary syndrome (ACS)
- Aid in the evaluation of coagulation status of pregnancy-induced hypertension
- Aid in the diagnosis and prognosis of patients with surgery; monitor the thrombolytic therapy.
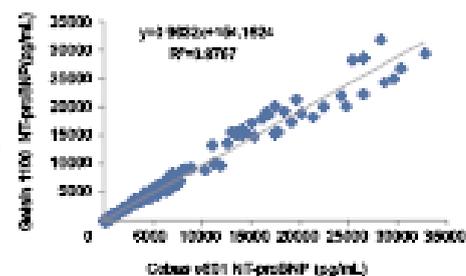
The liner regression curve

NT-proBNP

The ideal biomarker for the evaluation of the heart function

Clinical Applications

- Early detection for patients with heart failure
- Diagnosis and risk stratification of heart failure
- Distinguishing dyspnea caused by heart failure from other disease
- Monitoring and prognostic assessment of heart failure treatment
- Screening and diagnosis for non-cardiac heart failure patients
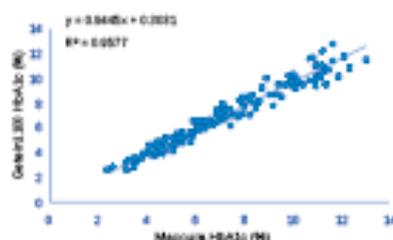- As an aid in the risk stratification for ACS

The liner regression curve

HbA1c

The golden standard in the evaluation of Glycemic control

NGSP Certificated   Fast Test Kit

Clinical Applications

- Early screening and diagnosis of diabetes
- Evaluation of Glycemic control
- Prediction of chronic diabetic complications
- Identification of stress hyperglycemia and diabetes
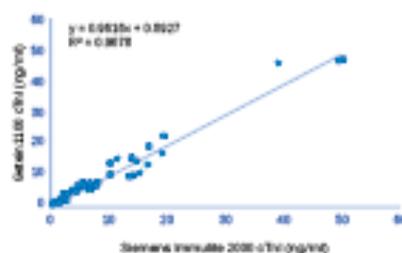- Diagnosis and treatment of GDM, etc.

The liner regression curve

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cTnI

The golden standard in the diagnosis of Acute Myocardial Infarction (AMI)

Fast Test Kit

Clinical Applications

- As an aid in the early diagnosis of acute myocardial infarction (AMI)
- Acute myocarditis, unstable angina, acute coronary syndrome(ACS)
- Evaluate the severity of myocardial damage
- As an aid in the prognosis of ACS

The liner regression curve

CK-MB/cTnI/Myo

Combining the advantages of three biomarkers, higher sensitivity and specificity, lower rate of missed diagnosis and misdiagnosis
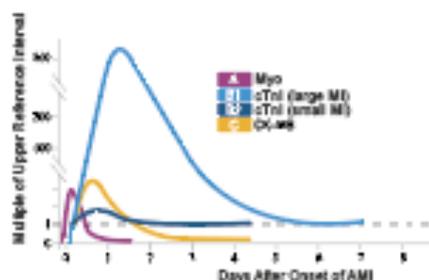
Fast Test Kit

Clinical Applications

- Identification and diagnosis of ACS patients suspected
- Evaluating the efficacy of Myocardial-Reperfusion
- Aid in the detection and assessment of AMI to the chest pain
- Monitoring the clinical curative effect of therapeutic drug

Product Advantages

- Combined advantages of three biomarkers with higher sensitivity and specificity
- Three biomarkers in one cartridge simplified test operation
- As an aid in clinic to lower the rate of missed diagnosis and misdiagnosis to guarantee early diagnosis and prevention

Cardiac Marker Release Patterns