



*PURSUE EXCELLENCE
DELIVER HEALTH*

PRODUCT CATALOGUE

IVD POCT

2014-2015



GETEIN
Biotechnology Co., Ltd.

company Introduction

*Pursue excellence
Deliver health*

Getein Biotechnology Co., Ltd. founded in March 2002, is a modern, high-tech biotechnology company specialized in providing in vitro diagnostic reagents and medical devices. We develop, manufacture and market innovative products targeting cardiovascular-cerebrovascular diseases, infectious diseases, and renal diseases.

Located in Nanjing, China, Getein has over 600 employees and more than 80% are college level or above; among them, hundreds are R&D professionals with around 50 PhD and master degree holders. We have established 2,000 square meters GMP manufacturing facility, state-of-the-arts R&D center and a 40,000 square meters animal facility. Our in vitro diagnostic reagents and medical devices have been accredited by TÜV Rheinland ISO 13485:2012 quality management system and CE Marking to ensure quality, reliability and stability.

"Pursue excellence, deliver health" is our mission. We continuously upgrade our technology and develop new products to deliver health. Until now, Getein has granted 32 national patents and received "Nanjing Award for the Best Invention Patent". Among Getein innovation products, six were recognized as state new high-tech products and two were Nanjing independent innovation products. Under our brand, GP, over 30 innovative products have been marketing and selling at home and abroad, and gradually gains credibility and reputation.

As a research-based biotechnology company, Getein applies latest discoveries and technologies to develop new products for healthcare industry.

"Pursue Excellence, Deliver Health", we do better!



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Test Items

Instrument introduction

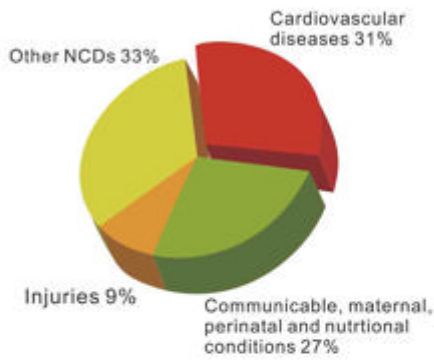
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Cardiovascular diseases(CVDs)

Leading Causes of DALYs, by Income Group and Sex,2030(Baseline Scenario)

Income Group	Rank	Disease or Injury	Percent of Total Deaths
High-income countries	1	Ischaemic heart disease	15.8%
	2	Cerebrovascular disease	9.0%
	3	Trachea, bronchus, lungcancers	5.1%
Middle-income countries	1	Cerebrovascular disease	14.4%
	2	Ischaemic heart disease	12.7%
	3	COPD	12.0%
Low-income countries	1	Ischaemic heart disease	13.4%
	2	HIV/AIDS	13.2%
	3	Cerebrovascular disease	8.2%



Distribution of major causes of death(2008)

PLoS Med 2006;:e442

The diagnosis and risk stratification of CVDs is based on the integration of:

- 1.The patient's presenting symptoms
- 2.ECG abnormalities
- 3.Measurement of cardiac biomarker



**ACCURATE
EARLY
DIAGNOSIS**

**New
Instrument**

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Getein 1600

Quantitative Immunoassay Analyzer



Test items :

- ▶ cTnI ▶ NT-proBNP ▶ Myo/cTnI/CK-MB
- ▶ cTnI/NT-proBNP ▶ D-Dimer ▶ hs-CRP
- ▶ PCT ▶ mAlb ▶ Cys-C ▶ β_2 -Microglobulin
- ▶ NGAL

Performance Characteristic :

- 1 Quick detection, 150 tests/hour
- 2 Whole blood sample can be performed by one-step test
- 3 Highly automatic, compatible of many kinds of LIS system

FIA8000

Quantitative Immunoassay Analyzer

Convenience

- ▶ Results available in 90s - 18 minutes
- ▶ Fast, on the spot decision to support diagnosis and treatment

Portability

- ▶ Light in weight and small in size
- ▶ Suitable for use in clinics and hospitals

Ease of use

- ▶ Human-centered Design
- ▶ Print result
- ▶ Easy to operate

Reliability

- ▶ Accurate in detection results
- ▶ No maintenance
- ▶ Easy to clean

Connectivity

- ▶ Results transmitted to computers, via software of FIA8000, to save effort for paperwork



Test Items

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▶▶▶ Cardiac Troponin I Fast Test Kit

As an aid in the diagnosis of Acute Myocardial(AMI)

Cat.#	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
CG 1001	Quantitative	cTnI	W.B/S/P	1ng/ml	0.5-50 ng/ml	15min	25T	24months

▶▶▶ One Step Test for NT-proBNP (Colloidal Gold)

As an aid in the diagnosis of Heart Failure(HF)

Cat.#	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
CG 1002	Quantitative	NT-proBNP	W.B/S/P	300 pg/ml	100-35000 pg/ml	15min	25T	24months

▶▶▶ One Step Test for hs-CRP (Colloidal Gold)

For the assessment of cardiovascular disease and the diagnosis of inflammation

Cat.#	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
CG 1003	Quantitative	hs-CRP	W.B/S/P	10mg/L 3mg/L	0.5-200 mg/L	90s	25T	24months

▶▶▶ One Step Test for NT-proBNP/cTnI (Colloidal Gold)

For the combined diagnosis of Heart Failure(HF)&Acute Coronary Syndrome(ACS)

Cat.#	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
CG 1004	Quantitative	NT-proBNP	W.B/S/P	300 pg/ml	100-12000 pg/ml	18min	25T	24months
		cTnI		1ng/ml	0.5-50 ng/ml			

▶▶▶ One Step Test for CK-MB/cTnI/Myo (Colloidal Gold)

As an aid in the diagnosis of myocardial damage

Cat.#	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
CG 1005	Quantitative	CK-MB	W.B/S/P	5ng/ml	2.5-80 ng/ml	15min	25T	24months
		cTnI		1ng/ml	0.5-50 ng/ml			
		Myoglobin		70 ng/ml	30-600 ng/ml			

▶▶▶ One Step Test for D-Dimer (Colloidal Gold)

For the exclusion of Deep-vein thrombosis(DVT)&Pulmonary Embolism(PE)

Cat.#	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
CG 1006	Quantitative	D-Dimer	W.B/P	0.5mg/L	0.1-10 mg/L	7min	25T	24 months

▶▶▶ One Step Test for PCT (Colloidal Gold)

Detect of Procalcitonin (PCT) as an aid in the early diagnosis of severe bacterial infection

Cat.#	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
CG 1007	Quantitative	PCT	W.B/S/P	0.1ng/ml	0.1-50 ng/ml	15min	25T	24 months

Qualitative Rapid Test Kits

Items	cTnI	NT-proBNP	hs-CRP	NT-proBNP /cTnI	CK-MB /cTnI /Myoglobin	D-Dimer	PCT
Cat.#	CG 2001	CG 2002	CG 2003	CG 2004	CG 2005	CG 2006	CG 2007

FIA8000

Quantitative Immunoassay Analyzer



Performance Characteristics :

1. A new and upgrade version
2. Quick quantification
3. Comprehensive POCT markers available
4. More convenient
5. Touch screen
6. Automatic barcode identification



Test items

- ▶ cTnl
- ▶ NT-proBNP
- ▶ NT-proBNP/cTnl
- ▶ HCG
- ▶ CK-MB/cTnl/Myo
- ▶ D-Dimer
- ▶ hs-CRP
- ▶ β_2 -MG
- ▶ PCT
- ▶ mAlb
- ▶ Cys-C
- ▶ NGAL
- ▶ h-FABP
- ▶ CK-MB/cTnl/h-FABP

GETEIN1100

Immunofluorescence Quantitative Analyzer

New technology

- ▶ Immunofluorometric Assay

Portability

- ▶ Small in size and light in weight
- ▶ Suitable for use in various occasion

Ease of use

- ▶ Print results automatically
- ▶ Human-centered design
- ▶ Easy to operate

Multifunction

- ▶ Wide broad spectral of detection
- ▶ High specificity and high sensitivity

Connectivity

- ▶ Results transmitted to computers, via software of the analyzer, to save effort for paperwork



▶▶▶ Cardiac Troponin I Fast Test Kit (Immunofluorescence Assay)

Screening for Acute Myocardial Infarction(AMI)

Cat.#	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
IF 1001	Quantitative	cTnI	W.B/S/P	0.1ng/ml	0.1-50 ng/ml	15min	25T	24months

▶▶▶ NT-proBNP Fast Test Kit (Immunofluorescence Assay)

Diagnosis and assessment of congestive Heart Failure(HF)

Cat.#	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
IF 1002	Quantitative	NT-proBNP	W.B/S/P	300 pg/ml	100-35000 pg/ml	10min	25T	24months

▶▶▶ hs-CRP Fast Test Kit (Immunofluorescence Assay)

For the assessment of CVDs and diagnosis of inflammation and infection

Cat.#	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
IF 1003	Quantitative	hs-CRP	W.B/S/P	10mg/L 3mg/L	0.5-200 mg/L	3-30min	25T	24months

▶▶▶ NT-proBNP/cTnI Fast Test Kit (Immunofluorescence Assay)

For the combined diagnosis of Heart Failure(HF) and Acute Myocardial Infarction(ACS)

Cat.#	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
IF 1004	Quantitative	NT-proBNP	W.B/S/P	300pg/ml	100-15000 pg/ml	15min	25T	24months
		cTnI		0.1ng/ml	0.1-50 ng/ml			

▶▶▶ CK-MB/cTnI/Myo Fast Test Kit (Immunofluorescence Assay)

Diagnosis of myocardial necrosis and assessment of re-infarction

Cat. #	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
IF 1005	Quantitative	CK-MB	W.B/S/P	5ng/ml	2.5-80 ng/ml	15min	25T	24months
		cTnI		0.1ng/ml	0.1-50 ng/ml			
		Myo		70ng/ml	30-600 ng/ml			

▶▶▶ D-Dimer Fast Test Kit (Immunofluorescence Assay)

For the exclusion of Deep-vein thrombosis(DVT)&Pulmonary Embolism(PE)

Cat. #	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
IF 1006	Quantitative	D-Dimer	W.B/P	0.5mg/L	0.1-10 mg/L	10min	25T	24months

▶▶▶ PCT Fast Test Kit (Immunofluorescence Assay)

As an aid in the early diagnosis of severe bacterial infection

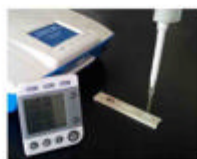
Cat. #	Remark	Test Item	Samples	Cut-off Value	Range	Reaction time	Package	Shelf Life
IF 1007	Quantitative	PCT	W.B/S/P	0.1ng/ml	0.1-50 ng/ml	15min	25T	24months

Operation Process

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GETEIN 1100 Workflow Demonstration



Load the sample



Insert the card



Test



Get the result

Partners



Exhibition

1. ARAB HEALTH(Dubai)



2. AFRICA HEALTH



3.AACC



4.MEDICAL FAIR ASIA



5.HOSPITALAR



6. MEDIC WEST AFRICA



7.MEDICA



8. MEDICAL FAIR THAILAND



9.WEST AFRICAN HEALTH



10.FIME



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