

## Test Items

TEST ITEMS	DISEASES	SAMPLE TYPES	MEASURING RANGE	SAMPLE VOLUME	REACTION TIME	QUALIFICATION
Cardiac Markers						
* Troponin I	Myocardial Infarction	S/P/W.B	0.1-50.0ng/ml	100µL	10min	CFDA CE
* NT-Pro BNP	Heart Failure	S/P/W.B	100-35000pg/ml	100µL	10min	CFDA CE
* CK-MB/Troponin I/Myo	Myocardial damage / infarction	S/P/W.B	2.5-80.0ng/ml 0.1-50.0ng/ml 30.0-600.0ng/ml	100µL	10min	CFDA CE
D-Dimer	Venous thromboembolism	P/W.B	0.1-10.0mg/L	100µL	10min	CFDA CE
* CK-MB	Myocardial injury	S/P/W.B	2.5-80.0ng/ml	100µL	10min	CE
Diabetes Mellitus						
HbA1c	Diabetes Mellitus	W.B	2.14%	10µL	5min	NGSP CFDA CE
Inflammation						
hs-CRP+CRP	Cardiovascular inflammation /normal inflammation	S/P/W.B/ capillary Blood	0.5-200mg/L	10µL	3min	CFDA CE
PCT	Sepsis, bacterial infection	S/P/W.B	0.1-50ng/ml	100µL	15min	CFDA CE
Renal Function						
CycC	Acute and chronic renal diseases	S/P/W.B	0.5-10.0mg/L	10µL	3min	CFDA CE
mAlb	Diabetic nephropathy, hypertensive nephropathy	Urine	10.0-200.0mg/L	100µL	3min	CFDA CE
NGAL	Acute kidney injury	S/P/W.B/Urine	50-5000ng/ml	10µL	10min	CFDA CE
β <sub>2</sub> -MG	Acute and chronic kidney diseases/tumours	S/P/W.B	0.5-20.0mg/L	10µL	3min	CFDA CE
Hormone						
TSH	Thyroid Malfunction	S/P	0.10-50.00µIU/ml	100µL	15min	CE
T3	Hypothyroidism, Hyperthyroidism	S/P	0.30~10.00nmol/L (0.20~6.51ng/ml)	100µL	15min	CE
T4	Hypothyroidism, Hyperthyroidism	S/P	5.4~320.0nmol/L (0.42~24.90µg/dl)	100µL	15min	CE
HCG+β	Fertility	S/P	5-100000mIU/ml	100µL	10min	CFDA CE
Bone						
* Vitamin-D	Osteomalacia, Osteoporosis	S	3.0-70.0ng/ml	100µL	15min	CE

\* Note :- For cut off value please refer kit inserts.

## Instrument Specification

### Screen

7 Inch touch screen

### Power Supply

100-240V~50Hz/60Hz, 60VA

### Working Environment

Temperature : 10-35 °C  
Relative humidity ≤70%  
Air pressure 70.0~106.0kpa

### Dimension

261mmx241mmx115mm  
(DxWxH)

### Weight

2.0 kg

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VBPL/JAN19/UPHV/Ver1.0/1000



# UNICORN PRIMA

## Immunofluorescence Quantitative Analyzer

OPTIMIZED POINT-OF-CARE SOLUTION

## MAKE TEST EASY



### Highly Efficient & Accurate

Advanced fluorescence immunoassay



### Real-Time & Rapid Test

One-step test  
3-15 min/test



### Convenient Operation

Keyboard and mouse connectivity through USB port



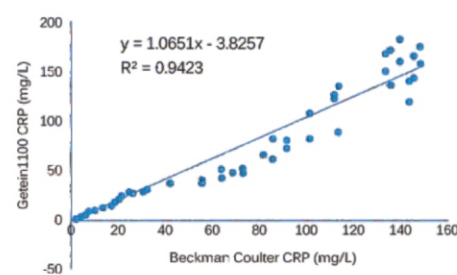
### User-Friendly Interface

Android System



## hs-CRP+CRP

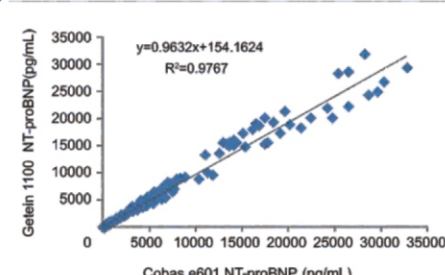
The sensitive indicator for diagnosis and identification of virus infection or bacterial infection



The liner regression curve

## NT-proBNP

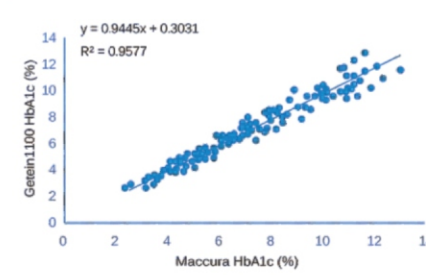
The ideal biomarker for the evaluation of the heart function



The liner regression curve

## HbA1c

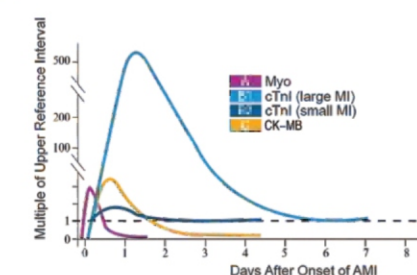
The golden standard in the evaluation of Glycemic control



The liner regression curve

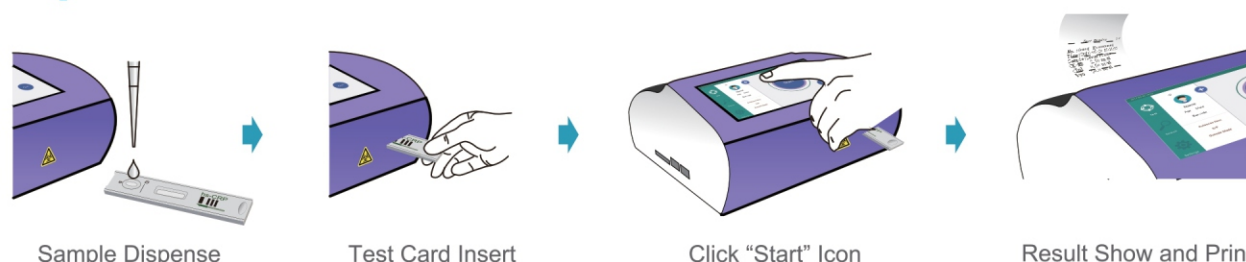
## CK-MB/cTnI/Myo

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



Cardiac Marker Release Patterns

## Operation Modes



Outside mode is also present, follow procedure as per kit inserts.

## Technical Parameters

### Methodology

Lateral flow chromatography (Immunofluorescence)

### Storage Capacity

10000 data

### Result

Quantitative

### Language

English / Chinese / Espanol / Portuguese

### Sample Type

W.B., plasma, serum, urine

## 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.



## HbA1c

The golden standard on the evaluation of Glycemic control

### 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.

## Troponin I

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

### 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

## CK-MB/Troponin I/Myo

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

### 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