VECTOR

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

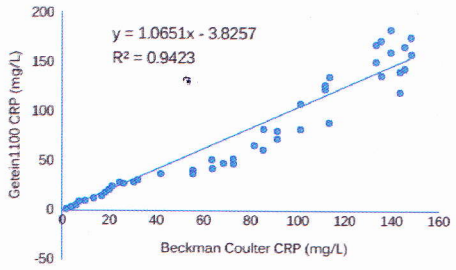
Keyboard and mouse connectivity through USB port

User-Friendly Interface

Android System

hs-CRP+CRP

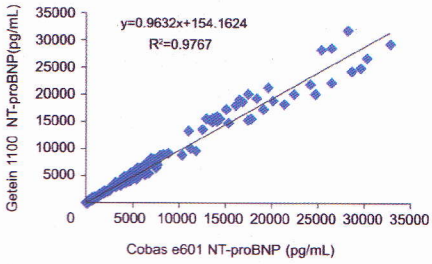
The sensitive indicator for diagnosis and identification of virus infection or bacterial infection



The liner regression curve

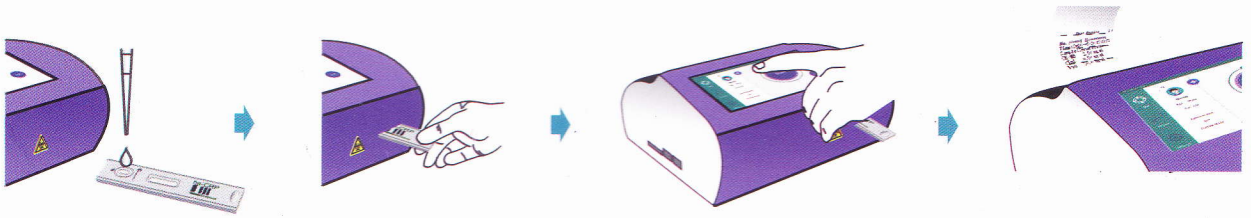
NT-proBNP

The ideal biomarker for the evaluation of the heart function



The liner regression curve

Operation Modes



Sample Dispense | Test Card Insert | Click "Start" Icon | Result Show and Print

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		

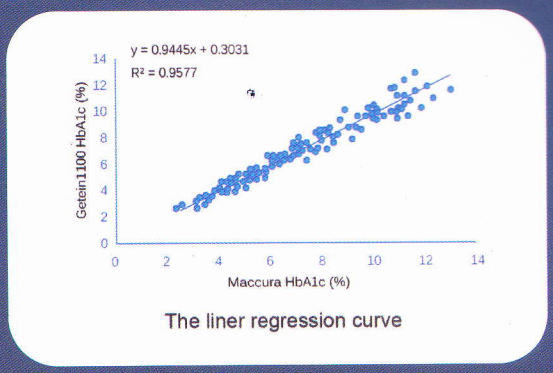
Application Departments

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

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

HbA1c

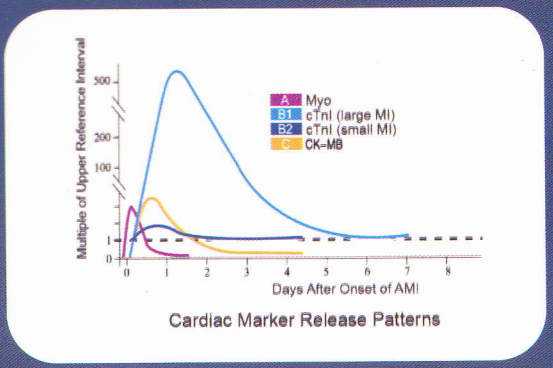
The golden standard in the evaluation of Glycemic control



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



HbA1c

The golden standard on the evaluation of Glycemic control

Clinical Applications

- Early screening and diagnosis of diabetes
- Evaluation of Glycemic contor
- 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
- Aa 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 gaurantee early diagnosis and prevention

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 thromboembolis	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 Melliitus							
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_2-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
Tempreture : 10-35 C
Relative humidit ≤70%
Air pressure 70.0~106.0kpa

Dimension
261mmx241mmx115mm (DxWxH)

Weight
2.0 kg

FSC CE CFDA NGSP

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