TEST MENU

Cardiac

- Myoglobin
- BNP
- hs-cTnI
- hs-cTnT
- NT-proBNP
- CK-MB
- D-Dimer
- Lp-PLA2
- H-FABP
- ST2
- HCY*

Inflammation

- SAA
- CRP
- HBP
- PCT
- IL-6

Thyroid

- TSH
- TT3
- TT4
- Anti-Tg
- FT3
- FT4
- Tg
- TPOAb

Fertility/Infertility

- β-hCG
- PROG
- FSH
- E2
- LH
- PRL
- TESTO
- AMH

Diabetes

- HbA1c
- C-P
- Insulin

Brain Injury

- S100-β
- NSE*

Tumor

- PGI
- PGII
- AFP
- CEA
- Total-PSA
- Free-PSA
- G17
- CYFRA21-1*
- SCC*
- CA50*
- CA125*
- CA242*
- CA19-9*
- CA72-4*
- CA15-3*
- ProGRP*
- HE4*

Thrombotic

- TAT*
- PIC*
- TM*
- T-PAIC*
- FDP*

Health Check

- 25-OH VD
- Vitamin B12*
- Ferritin
- Folate

Infectious Disease

- HBsAg*
- HBsAb*
- HBeAg*
- HBeAb*
- HBcAb*
- HIV Ag/Ab*
- Anti-HCV*
- Anti-TP*

Pre-eclampsia

- sFlt-1*
- PLGF*

* Coming soon

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CE

PUSHING POCT
TO PRECISION
FLEXIBILITY & ACCURACY



CLi-1600

Chemiluminescence Immunoassay Analyzer

BIOTIME

CLi-1600

Chemiluminescence Immunoassay Analyzer



Fast

5 minutes for the First Result

Throughput can reach 60T/H

16 Channels

Smart

No Liquid Path Inside

Only 15kg of Weight

Mini Size（312mm × 382mm × 345mm）

Accurate

Nano-scaled Particles

No need Washing

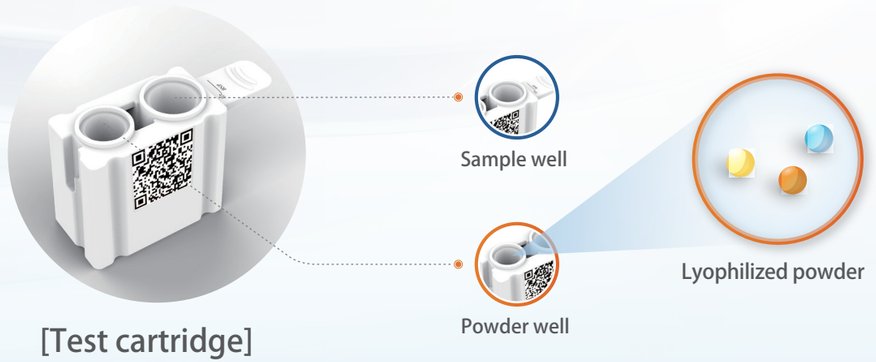
CV≤5%

Convenient

Individual Packaging

Easy to Delivery without Cold Chain Requirement

Room Temperature Storage - Lyophilized Powder

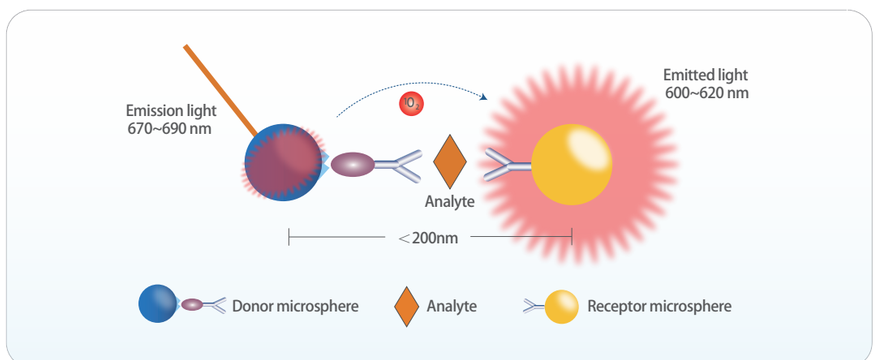


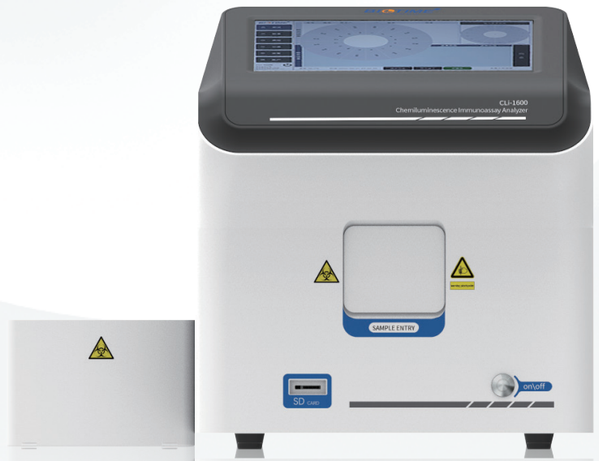
[Test cartridge]

TEST PRINCIPLE

See Greatness in Light

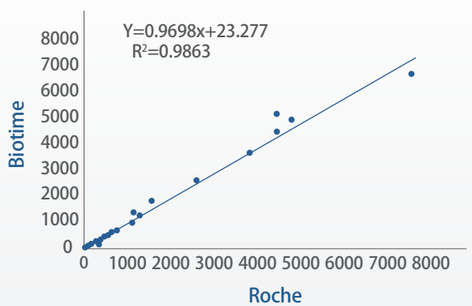
Chemiluminescence analyzer emits a laser at about 670~690 nm to irradiate the reaction well and excite the donor microsphere to generate singlet oxygen. Then the singlet oxygen contacts the receptor microsphere to generate emitted light at about 600~620 nm. Due to its very short half-life period, singlet oxygen can only diffuse over a distance of several hundred nanometers. Only the receptor and donor microspheres that form analyte compound can generate emitted light at 600-620 nm.



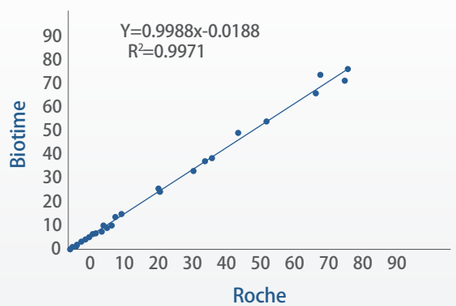


PRODUCT PERFORMANCE

hs-cTnT(Pg/mL)



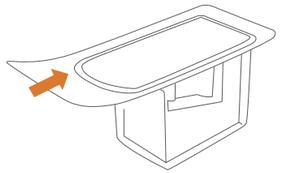
hs-CRP&CRP(mg/L)



SPECIFICATIONS

Principle	Light-initiated Chemiluminescent Assay
Dimensions	312mm × 382mm × 345mm
Weight	15 kg
Screen	10.1″ touchscreen
Operation	Windows system
Channel	16 channels
Time to Result	5 min
Throughput	60 Tests/hour
Result Storage	50000
CV	⩽ 5%
Date Connection	LIS/HIS
Specimen Type	Whole blood/Serum/Plasma
Printer	Buil-in Thermal Printer
Reagent Storage	2-30℃

TEST PROCEDURE



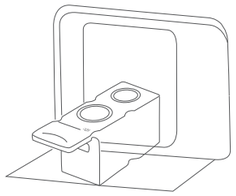
1 Tear off the sealing foil.



2 Drop reaction buffer into the sample well.



3 Add blood sample into the sample well.



4 Start testing.

APPLICATIONS

- A,B,C Level Labs
- Emergency Dept
- Community Health Care
- Cardiology Dept
- Gynecology Dept
- Pediatrics Dept

LIS/HIS



10.1″ touchscreen



Waste chamber



SD card



16 testing channels



Cartridge inlet



Power on/off



Thermal printer



CLi-1600