



Auto CLIA
CIA 600

Total Solution of Automatic
Chemiluminescence
Immunoassay Analyzer



Auto CLIA Analyzer **CIA600**

Main Parameters

- Principle: CLIA (Magnetic Microbeads Separation)
- Throughput: 60T/H
- Time to first result: < 15 min
- Sample tube size: 75mm/100mm
- Auto re-test: available
- Internal master curve, 2-point/6-point calibration
- Barcode scanning to identify and locate reagent/sample





Intelligent Sample/reagent Carousel

- Sample positions: 5–75, intelligent allocation, continuous loading
- Reagent positions: 1–15, intelligent allocation, extendable
- Barcode scanning to identify and locate sample/reagent, avoid human error
- Reagent storage and expiration reminder, avoid waste
- Auto mixing for the magnetic beads reagent
- Refrigerated function, ensure best condition of sample/reagent
- STAT



4-hour Unattended Tip/Reaction tubes Loading Area

- Adopt TIP for sampling to avoid cross-contamination
- Tip size same as the reaction tube size Same mechanical unit shared, lower failure rate
- Reaction tubes: 288pcs, extendable
- Tip: 384pcs, extendable



Precise Temp-control Incubation Tray/Complete Separation Cleaning Tray

- Incubation tray: $37 \pm 0.1^\circ \text{C}$, ensure complete reaction
- Cleaning tray: 4-step auto cleaning, completely separate the solid phase from the free phase
- Sidewall opening of the probe ensures the solid phase completely separate from the free phase



Innovative FITC- Separation Technology by Magnetic Beads Binding with Anti- FITC

- Tubular chemiluminescence technology, Flexible
- Antibody and antigen reacts in liquid status, full time and complete reaction
- Only 5 minutes for magnetic beads involved in the reaction, avoid the non-specific adsorption
- Superparamagnetic beads, solid phase easily separates from free phase
- Strict process control, small intra-batch differences

Innovative AP-APLS Chemiluminescence Technology

- High sensitivity, no less than 10^{-21} per unit
- Innovative APLS substrate, reach plateau period fast
- Long plateau period, stable signal, easy detection
- Monocomponent non-oxidizing substrate, easy operation, long validity



TEST MENU

Thyroid

- Tt3
- FT3
- TT4
- FT4
- TSH
- TGAb
- TPOAb
- TG



Glycometabolism & Hypophyseal Hormone

- C-P
- INS
- hGH



Inflammation Monitoring

- PCT
- CRP



TORCH

- TOXO IgG
- TOXO IgM
- RV IgG
- RV IgM
- CMV IgG
- CMV IgM
- HSV-1 IgG
- HSV-1 IgM
- HSV-2 IgG
- HSV-2 IgM



Fertility

- E2
- PROG
- TESTO
- PRL
- FSH
- LH
- Total-hCGβ
- F-hCGβ
- fE3



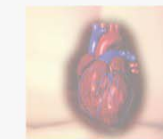
Hepatic Fibrosis

- III NP
- CIV
- LN
- HA



Cardiac

- cTnI
- HFABP
- HCY
- NT-proBNP
- D-Dimer



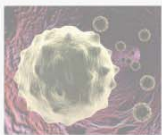
Infectious

- HBsAg
- HBsAb
- HBeAg
- HBeAb
- HBcAb
- Anti-HCV
- Anti-HIV
- Anti-TP



Tumor Markers

- AFP
- CEA
- FTN
- CA125
- CA15-3
- CA19-9
- CA50
- PSA
- FPSA
- SCC
- NSE
- HE4
- S100
- CA72-4
- CA242
- CYFRA21-1



Bone Metabolism

- 25-OH-Vit-D
- BGP
- iPTH



Kidney Function

- β 2-MG
- Cys-C
- RBP
- NGAL



Gastric Mucosa Function

- PG I
- PG II

