

TEST MENU

Thyroid	Tumor Marker	Cardiac Marker	Bone Metabolism
TT3	AFP	cTnI	25-OH-Vit-D
FT3	CEA	MYO	BGP
TT4	FERRITIN	CK-MB	iPTH
FT4	CA125	NT-pro-BNP	CT
TSH	CA15-3	D-Dimer	☆ CTX
TGAb	CA19-9	BNP	☆ PINP
TPOAb	CA50	HFABP	Anemia
TRAb	t-PSA	HCY	VB12
TG	f-PSA	☆ Lp-pla2	FA
Hepatic Fibrosis	SCC	☆ ST2	FERRITIN
※ CHI3L1	NSE	Inflammation	hGH
PIIINP	CYFRA21-1	PCT	IGF-1
CIV	CA72-4	Fs-CRP	☆ IGFBP-3
LN	PGI	IL-6	☆ HEP
HA	PGII	☆ SAA	Down's syndrome
☆ CG	PRO-GRP	Kidney Function	AFP
Fertility Hormone	HE4	β2-MG	F-hCGβ
E2	CA242	Cys-C	FE3
PROG	☆ S100	RBP	☆ PAPP-A
TESTO	☆ G-17	NGAL	Prenatal Screening Software
PRL	☆ Hp-Ab	☆ H-ALB	Infectious Disease
FSH	☆ TPS	Hypertension	HBsAg
LH	☆ TNF-α	☆ Renin	HBsAb
Total-hCGβ	☆ GP73	☆ AngiotensinII	HBeAg
F-hCGβ	☆ PIVKA II	☆ ACTH	HBeAb
FE3	☆ PACP	☆ ALD	HBcAb
☆ AMH	Diabetes	☆ Cortisol	Anti-HCV
SHBG	C-P	Intestinal Inflammation	Anti-HIV
☆ Inhibin A	INS	※ Calprotectin	Anti-TP
☆ Inhibin B	INS-Ab	Allergy	☆ NP-IgG
☆ DHEA-S	GAD65	☆ IgE	☆ NP-IgM
☆ FT	☆ ADP		

☆ Upcoming Projects   ※ Cooperative Development Projects

☎ Customer Service Center: 400-061-7710



Wechat

Jiangsu Zecen Biotech Co., Ltd.

Add: Fl. 1-4, No.62, Bldg G59, China Medical City, Taizhou, Jiangsu, 225300, China,  
Tel: 0510-86991176      Fax: 0510-86991182  
Website: www.zechengbio.com      Email: info@zechengbio.com

Version: 20211126-1



AUTO CLIA ASSAY  
**CIA 1800**

- Applicable scenario:
- Laboratory
  - Clinical department
  - Emergency clinical laboratory

Focus on chemiluminescence reagents  
to help accurate clinical diagnosis.

Jiangsu Zecen Biotech Co.,Ltd.

*Fast, Stability, Accurate* — Fast Throughput Benchtop

## CIA 1800 Platform Advantages

### EXCELLENT EQUIPMENT PERFORMANCE

- Fast throughput: 220T/h
- High speed: The first result in 15 minutes.
- Good repeatability:  $CV \leq 3\%$
- Flexible function: Support Batch, Random and STAT mode.
- Convenient operation: All consumables can be loaded online.

### EFFICIENT SYSTEM DESIGN

- Smart size: fast throughput benchtop, dimensions – 100\*67\*70 cm (including touch screen)
- Multitask: integration of incubation, cleaning and detection, improve detection efficiency.
- Integration: the touch screen and the main machine are integrated, with good human-computer interaction experience.
- Intelligentization: fully automatic intelligent control technology, and low instrument failure rate.

### ADVANCED DETECTION PRINCIPLE

- Patented magnetic microbeads manufacture technology, 20 years of research and development experience
- Innovative FITC connection technology: complete reaction, no non-specific adsorption, More accurate test results
- Innovative APLS luminescent substrate: high detection sensitivity, high analysis speed



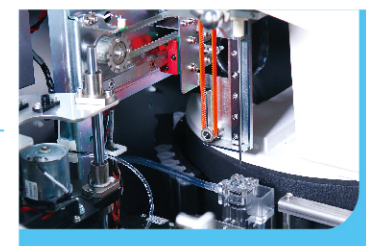
### EFFICIENT INTEGRATED SAMPLE/REAGENT AREA

- Sample area: ①Up to 60 sample positions, support continuous loading;  
②Support original tube on board, automatic dilution function;
- Reagent area: ①25 reagent positions on board, can be loaded or replaced at any time;  
②Prevented from evaporation while on board, automatically sealed;  
③Reagent balance and expiration reminder;  
④24 hours refrigerated, storage temperature 2-8°C;
- Barcode reader recognition or locate sample/reagent



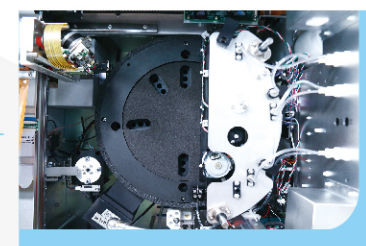
### SIMPLY CONSUMABLES MANAGEMENT MODULE

- Reaction cup loading: inverted cups, up to 500 pcs, recyclable loading;
- Substrate loading: 2 bottles can be loaded, with backup loading function
- Departure time: 4 hours



### HIGH SENSITIVITY SAMPLE ADDITION MODULE

- Sample addition with needles, saving consumables
- Accurate sample dosing: 5-150μL
- Anti-collision, liquid level detection for reagent, clot detection, bubble detection, needle plugging detection, etc.
- Vacuum power cleaning mode, washing needle from inside to outside walls, low pollution rate to  $\leq 10^{-5}$



### STABLE REACTION AND CLEANING MODULE

- Reaction position: 90°
- External mixing to enhance the combine effect of reactants
- Incubation station: Constant  $37 \pm 0.1^\circ\text{C}$  incubation to ensure the best state of combine reaction
- Washing station: Effectively separate of the liquid in the reaction cup, maximize the removal of non-reactive substances



### INTELLIGENT SOFTWARE ANALYSIS SYSTEM

- Touch screen, English operation interface
- Touch screen integrated with the main machine, convenient operation
- Automatic information entry, LIS connection