TEST MEMU

Anemia	Thyroid	Tumor Maker	Cardiac Marker
VB12	TT3	AFP	cTnI
FA	FT3	CEA	MYO
FERRITIN	TT4	FERRITIN	CK-MB
hGH	FT4	CA125	NT-pro-BNP
IGF-1	TSH	CA15-3	D-Dimer
☆ IGFBP-3	TGAb	CA19-9	BNP
☆ HEP	TPOAb	CA50	HFABP
Down's syndrome	TRAb	t-PSA	HCY
AFP	TG	f-PSA	☆ Lp-pla2
F-hCGβ	**Hepatic Fibrosis**	SCC	☆ ST2
FE3	※ CHI3L1	NSE	**Inflammation**
☆ PAPP-A	PIIINP	CYFRA21-1	PCT
Prenatal Screening Software	CIV	CA72-4	Fs-CRP
Infectious Disease	LN	PGI	IL-6
HBsAg	HA	PGII	SAA
HBsAb	☆ CG	PRO-GRP	**Kidney Function**
HBeAg	**Fertility Hormone**	HE4	β2-MG
HBeAb	E2	CA242	Cys-C
HBcAb	PROG	☆ S100	RBP
HCV-Ab	TESTO	☆ G-17	NGAL
HIV Ag/Ab	PRL	☆ Hp-Ab	☆ H-ALB
Anti-TP	FSH	TPS	**Hypertension**
☆ NP-IgG	LH	☆ TNF-α	☆ Renin
☆ NP-IgM	Total-hCGβ	☆ GP73	☆ AngiotensinII
Torch	F-hCGβ	☆ PIVKA II	☆ ACTH
Toxo IgG	FE3	☆ PACP	☆ ALD
Toxo IgM	AMH	**Diabetes**	☆ Cortisol
Rubella IgG	SHBG	C-P	**Bone Metabolism**
Rubella IgM	☆ Inhibin A	INS	25-OH-Vit-D
CMV IgG	☆ Inhibin B	INS-Ab	BGP
CMV IgM	☆ DHEA-S	GAD65	iPTH
HSV-1 IgG	☆ FT	☆ ADP	CT
HSV-1 IgM	**Allergy**	**Intestinal Inflammation**	☆ CTX
HSV-2 IgG	IgE	※ Calprotectin	☆ PINP
HSV-2 IgM			

☆ Upcoming Projects ※ Cooperative Development Projects

Customer Service Center: 400-061-7710

Jiangsu Zecen Biotech Co., Ltd.

Add: Fl. 1-4, No.62, Bldg G59, China Medical City, Taizhou, Jiangsu, 225300, China,
Tel: +86-(0)510-86991176 Fax: +86-(0)510-86991182
Website: www.zechengbio.com Email: info@zechengbio.com

Wechat

Version: 20200915-2

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AUTO CLIA ASSAY

CIA 1200M

Applicable scenario:

- Outpatient emergency inspection
- Laboratory/Clinical Key Items Inspection
- Primary hospital laboratory

Focus on chemiluminescence reagents to help accurate clinical diagnosis.

Jiangsu Zecen Biotech Co.,Ltd.

ZECEN 泽成生物

Innovation For Health, Quality For Life

Small and Accurate Simple and Excellent

CIA 1200M Platform Advantages

EXCELLENT EQUIPMENT PERFORMANCE

- Fast throughput: 120T/h
- High speed: The first result in 15 minutes.
- Good repeatability: CV≦3%
- Flexible function: Support Batch, Random and STAT mode.
- Convenient operation: All consumables can be loaded online.

EFFICIENT SYSTEM DESIGN

- Smart size: occupy area - 0.3 m^3, dimensions - 43*68*64 cm (including touch screen), NW: 67kg
- Multiable: 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

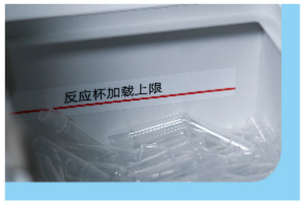
- Patented magnetic microbeads manufacture technology, 20 years of research and development experience
- Innovative FITC connection technology: complete reaction, no non-specific adsorption, More accurate test results
- Innovative APLS luminescent substrate: high detection sensitivity, high analysis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





EFFICIENT INTEGRATED SAMPLE/REAGENT AREA

- Sample area: ①Up to 30 sample positions, support continuous loading;
  ②Support original tube on board, automatic dilution function;
- Reagent area: ①10 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℃;
- Barcode reader recognition or locate sample/reagent



SIMPLY CONSUMABLES MANAGEMENT MODULE

- Reaction cup loading: inverted cups, up to 200 pcs, recyclable loading;
- Substrate loading: 2 bottles can be loaded, with backup loading function
- Departure time: 3 hours



HIGH SENSITIVITY SAMPLE ADDITION MODULE

- Sample addition with needles, saving consumables
- Accurate sample dosing: 10-150μL
- 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 ≤10^{-5}



STABLE REACTION AND CLEANING MODULE

- Reaction position: 52
- External mixing to enhance the combine effect of reactants
- Incubation station: Constant37±0.1℃ 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