

# CLIA Microparticles

Autobio  
Product List

Tumor Markers	HBV	Thyroid
AFP	HBsAg	T3
CEA	Anti-HBs	T4
tPSA	HBeAg	TSH
CA50	Anti-HBe	FT3
fPSA	Anti-HBc	FT4
CA125	HBV PreS1-Ag	Anti-TG
CA15-3	Anti-HBc IgM	Anti-TPO
CA19-9	<b>Infectious Diseases</b>	TG
Ferritin	Anti-HCV	PTH
β 2-Microglobulin	HAV IgM	rT3*
NSE	HEV IgM	<b>Endocrine Hormone</b>
CYFRA 21-1	HEV IgG	LH
SCCA	Anti-HIV	FSH
CA72-4	HIV Ag/Ab Combo	PRL
CA242	Anti-TP	Testosterone
HE4	<b>Hypertension</b>	E2
ProGRP	Aldosterone	PRG
Pepsinogen I	ACTH	DHEA-S
Pepsinogen II	Cortisol	SHBG
<b>Bone Metabolism</b>	Renin	17α-OHP
Osteocalcin	Angiotensin II	AMH
Calcitonin	<b>TORCH</b>	<b>Hepato Fibrosis</b>
25-OH Vitamin D	Toxo IgM	PIIINP
PTH	CMV IgM	ColIV
<b>Pre-natal</b>	Rubella IgM	LN
Free β-HCG	HSV-1 IgM	HA
P-AFP	HSV-2 IgM	<b>Inflammation Monitoring</b>
β - HCG	Toxo IgG	hs-CRP
uE3	CMV IgG	PCT
PAPP-A	Rubella IgG	IL-6
<b>Allergy</b>	HSV-1 IgG	D-dimer
tIgE	HSV-2 IgG	<b>Cardiac Markers</b>
<b>Diabetes</b>	<b>Anemia</b>	MYO
Insulin	Vitamin B12	cTnI
C-Peptide	Folate	CK-MB
<b>Growth Hormone</b>	Ferritin	NT-proBNP
IGF-1	<b>Tuberculosis</b>	BNP*
HGH	TB-IGRA	HS-cTnT

\*Coming Soon

INNOVATION · MANUFACTURE · INTEGRATION · SERVICE

AutoLumo *A1860*

## AUTOMATIC LUMINESCENCE IMMUNOASSAY ANALYZER

### Autobio Diagnostics Co., Ltd.

offers more than 400 in vitro diagnostic products including CLIA(microplate based CLIA and magnetic particle based CLIA),ELISA,POCT(Point of Care Test),Microbiology and Biochemistry. As an ISO9001 and EN ISO13485 manufacturer, Autobio supplies high quality products through its well established sales network and is renowned as a reliable partner. For details please visit [en.autobio.com.cn](http://en.autobio.com.cn). Autobio Diagnostics Co., Ltd. | NO.87 Jingbei Yi Rd | National Eco & Tech Zone | Zheng zhou City | China 450016.

You can find us on:

Facebook: @AutobioGlobal

Youtube Channel: Autobio Diagnostics

Email: [info@autobio-diagnostics.com](mailto:info@autobio-diagnostics.com)

WhatsApp: +8618595767835

Tel: +86-371-6798-5313



Automatic Luminescence Immunoassay Analyzer20220705e

[en.autobio.com.cn](http://en.autobio.com.cn)



## Specification

- Throughput: 180T/h
- Time to 1<sup>st</sup> Result: 21 mins
- RV Loading Capacity: 80 X 2 pcs
- Sample Loading Capacity: 60 samples with 1 STAT channel
- Sample Pipette Volume: 8 – 150 µL
- Sample Dilution Factor: up to 2601-fold
- Liquid Level Detection and Clot Detection
- Onboard Reagent Capacity: 25 racks
- Onboard Reagent Storage: independent refrigerating system
- Real-time Replacement of Reagent by Appointment
- Consumables Residue Calculation (LED Monitor and Software Monitor)
- Substrate: Substrate A+B
- Substrate Volume: 100 mL for each
- Substrate Switching: 2 sets of substrates available on board by automatic switching
- Carry-over: < 1 ppm
- Reaction mode: 1 step and 2 steps
- Size (W\*D\*H, mm) = 1200 x 736 x 635 mm
- Weight: 183 kg

## Smarter Versatile and strong, brings more accurate results

- Lower Carryover  
Surrounding washing by vacuum brings low carryover, especially beneficial to infectious disease items
- Reduce failure rate  
Stepping work station for magnetic separation. Integrated Elution & Injection & Reading & Discard Module.
- Lower background  
Bi-directional swimming for washing, decrease non-specific absorption.
- Improve precision  
Innovative vibration mixing. Fully mixed within 1.8s.

## Simpler Easy operation and save time

- Consumable Management  
Visual management of consumables, automatic switch of dual-substrate.
- Reagent Management  
Keep cooling after switch off. Random access.
- Auto-retesting  
Auto-repeat and auto-dilution.

### 01 Fixed Pipette Probe Module

- Onboard sample dilution up to 2601-fold
- Intelligent liquid level and clot detection system
- Sample & reagent adding by one needle
- Vacuum Washing Station avoid high carry-over

### 02 Innovative "RIDE" Module

- Integrated Elution & Injection & Reading & Discard Module
- 5-times magnetic washing provide lower background

### 03 Reagent Module

- Independent refrigerating system after outage
- Up to 25 reagent positions available
- Reagent stability onboard up to 28 days
- Online-reagent change without interruption

### 04 Reaction Vessel Module

- Up to 160 pcs per batch (80 pcs x 2 cassettes)
- Continuous loading and offloading

### 05 One-stop Consumable Panel

- 8 mm colored panel indicating consumables left
- RFID scanning of consumables

### 06 Substrate Module

- Dual substrate onboard by automatic switching

### 07 Sample Loading Module

- Loading capacity of 60 samples per batch
- STAT position of 1 channel(5 STAT Positions)
- Continuous loading and offloading available
- Random access

