CLIA Microparticles

Tumor Markers

AFP	CA242
CEA	HE4
tPSA	ProGRP
CA50	PIVKA-II
fPSA	G-17
CA125	HER-2/neu*
CA15-3	S100*
CA19-9	Pepsinogen I
Ferritin	Pepsinogen II
NSE	CYFRA 21-1
SCCA	β2-Microglobulin
CA72-4	

Infectious Diseases

Anti-HCV	HIV Ag/Ab Combo
HAV-IgM	Anti-TP
HEV-IgM	HP-IgG
HEV-IgG	Anti-HTLV*
Anti-HIV	

Endocrine Hormone

LH	PRG
FSH	DHEA-S
PRL	SHBG
Testosterone	17α-OHP
E2	AMH

Inflammation Monitoring

hs-CRP	D-Dimer
PCT	Lp-PLA2*
IL-6	

HBV

HBsAg	Anti-HBc
Anti-HBs	HBV PreS1-Ag
HBeAg	Anti-HBc IgM
Anti-HBe	

ToRCH

Toxo IgM	Toxo IgG
CMV IgM	CMV IgG
Rubella IgM	Rubella IgG
HSV-1 IgM	HSV-1 IgG
HSV-2 IgM	HSV-2 IgG

Diabetes

Insulin	C-peptide

Hepato Fibrosis

PIIINP	HA
Col IV	CG
LN	

Growth Hormone

IGF-1	IGFBP-3
HGH	

Thyroid

T3	Anti-TPO
T4	TG
TSH	PTH
FT3	rT3
FT4	TRAb
Anti-TG	

Hypertension

Aldosterone	Renin
ACTH	Angiotensin II
Cortisol	

Pre-natal

Free β-HCG	uE3
P-AFP	PAPP-A
β-HCG	Inhibin A*

Respiratory Disease

M.pneumoniae IgM	L.pneumophila IgM
M.pneumoniae IgG	Enterovirus 71 IgM
C.pneumoniae IgM	Coxsackie B IgM
RSV IgM	Influenza A IgM
Adenovirus IgM	Influenza B IgM

Cardiac Markers

MYO	hs-cTnT
cTnI	BNP
CK-MB	H-FABP
NT-proBNP	

EBV

VCA-IgA*	VCA-IgG*
EA-IgA*	NA-IgA*
EA-IgG*	NA-IgG*
VCA-IgM*	

Bone Metabolism

Osteocalcin	25-OH Vitamin D
Calcitonin	PTH

Autoimmune Liver Disease

Anti-gp210 IgG	AMA-M2 IgG
Anti-sp100 IgG	

Antiphospholipid Syndrome

Anti-β2-GP1	Anti-CL
Anti-β2-GP1 IgA	Anti-CL IgA
Anti-β2-GP1 IgG	Anti-CL IgG
Anti-β2-GP1 IgM	Anti-CL IgM

Connective Tissue Disease

ANA IgG	Anti-SS-A/Ro IgG
Anti-dsDNA IgG	Anti-Ro-52 IgG
Anti-SS-B IgG	Anti-Scl-70 IgG
Anti-Sm IgG	Anti-Jo-1 IgG
Anti-rib P IgG	Anti-nRNP/Sm IgG

Vasculitis

Anti-PR3 IgG	Anti-MPO IgG
Anti-GBM IgG	

Rheumatoid Arthritis

Anti-CCP IgG	RF IgG
RF	RF IgA
RF IgM	

Autoimmune Diabetes

IAA	IA-2A
GADA	ICA

Anemia

Folate	Ferritin
Vitamin B12	

Tuberculosis

TB-IGRA

Allergy

tIgE

INNOVATION · MANUFACTURE · INTEGRATION · SERVICE

AutoLumo A1860

AUTOMATIC LUMINESCENCE IMMUNOASSAY ANALYZER

Autobio Diagnostics Co., Ltd.

offers more than 600 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. Autobio Diagnostics Co., Ltd. | NO.87 Jingbei Yi Rd | National Eco&Tech Zone | Zheng zhou City | China 450016.

You can find us on:
Facebook: Autobio Diagnostics
LinkedIn: Autobio Diagnostics
YouTube Channel: Autobio Diagnostics
Email: info@autobio-diagnostics.com
WhatsApp: +86 185 9576 7835
Tel: +86 371 6200 7036

Automatic Luminescence Immunoassay Analyzer 20250219e

en.autobio.com.cn

Autobio

Specification

- Throughput:180 T/h
- Time to 1st Result:19 min
- 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 1.8 s.

Simpler   Easy operation and save time

- Consumable Management

  Visual management of consumables,automatic switch of dual-substrate.
- Reagent Management

  Keep cooling in sleep mode. Random access.

  Auto-retesting

AutoLumo A 1860

AUTOMATIC LUMINESCENSE IMMUNOASSAY ANALYZER

01 Fixed Pipette Probe Module

- Teflon pipette without disposal tips
- Onboard sample dilution up to 2601-fold
- Intelligent liquid level and clot detection system
- Vertical and horizontal collision protection
- Sample & reagent adding by one needle

02 Vacuum Washing Station

- Vacuum system avoiding carry-over
- 5-times washing without contamination
- Integrated Wash & Measurement & Discard Module

03 Reagent Module

- Independent refrigerating system in sleep mode
- Up to 25 reagent positions available
- Reagent stability onboard up to 28 days
- Online-reagent change without interruption
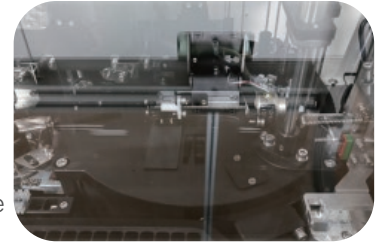
04 Reaction Vessel Module

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

05 Substrate Module
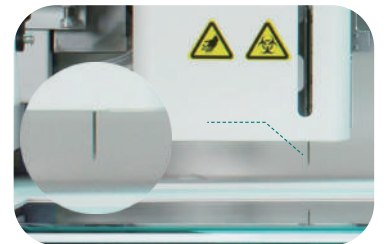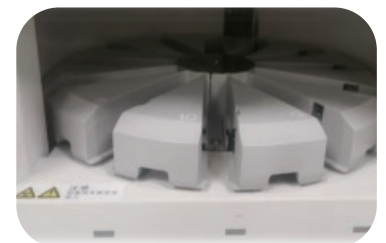
- Dual substrate onboard by automatic switching

06 One-stop Consumable Panel

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

07 Sample Loading Module

- Sample Loading Module
- Loading capacity of 60 samples per batch
- STAT position of 1 channel
- Continuous loading and offloading available
- Random access

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