

# AutoLumo *A6200 / A6600*

## 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.

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# AutoLumo

AUTOMATIC LUMINESCENCE IMMUNOASSAY ANALYZER A6200/A6600

Dual  
Protection

High  
Speed

Convenient  
Experience

Extendable  
Potential

Good  
Biosafety





# Dual Protection

Dual Backups Guarantee the Machine Function Properly

01

- Dual Reagent Disks
- 25X2 Reagent Positions in total

02

- Dual Reagent Probes
- Intelligent Liquid Level and Clot Detection System

03

- Dual Sets of Substrate and Washing Buffer
- Automatic Switching after Use Out

04

- Dual Transport Tracks
- Sample & Reagent Transport and Mixing Together
- Innovative Vibration Mixing Avoid Carry-over

05

- Dual Sample Management Module
- Support Multi-Machine Integrated
- Flexible Extension Potential

# High Speed

Up to 1-4 Units Integration with 2400T/h

# SPEED

01

- Independent Decapping Module, Speed Up to 600 T/h
- Barcode Identification to Improve Sampling Efficiency

02

- High Throughput Reaches 600T/h
- Support 1-4 Unit Integration up to 2400T/h
- Three-track Design for Sample Management

03

- STAT Channels for Emergency Samples Support Continuous Sample Loading
- Emergency Samples Takes Priority over Routine Samples Supported by STAT Tracks

04

- Support Shielding Unused Onboard-kits
- Online-reagent change without interruption



# Convenient Experience

Easy-to-use Design for Consumables Management

- 8mm Colored Display
- Real-time Monitoring of Consumables Residue

1



2

- Independent Refrigerating System after Outage
- 2-8°C for Reagent Onboard Storage

- RFID Scanning of Consumables
- Fast Scanning and Easy Identification

3



4

- Onboard Prepare Wash Buffer Automatically
- Easy Storage and Transportation

# Extendable Potential

Flexible Extension Modes for Your Choice in Your Lab

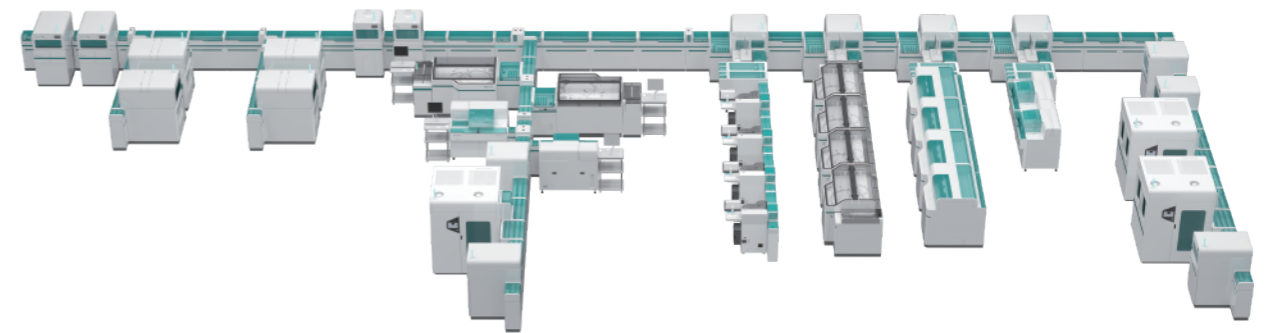
Immunoassay Integration



Immunoassay and Biochemistry Integration



Total Laboratory Automation





Full Enclosure System to Reduce the Risk of Aerosol Leakage



Rotating Design for Decapping to Reduce Aerosol Generation  
Aerosols to be Filtered under Negative Pressure with a filtering efficiency of 99.995%  
A self-sealing Waste Compartment and Support UV Disinfection



Reaction Vessels are Discarded after Solid-liquid Separation



Parameters

Throughput	600T/h
Sample Module	150 Sample Positions
Sample Track	Emergency Sample Track, Routine Sample Track, and Sample Return Track
Reagent Module	50 Reagent Positions in 2 Reagent Disks
Sample Type	Serum, Plasma and Urine
Carry-over	≤5x10 <sup>-7</sup>
Wash Station	Surrounding Wash Station by Vacuum
Pipette Range	8-150 μl
Sample Dilution	Up to 2601 fold
Incubation Temperature	37°C
Microparticles Washing	Bi-directional Washing
Retest	Onboard Retest Available
Size	2355 X 1352 X 1300 mm
Power Supply	220 ± 22V, 50 ± 1Hz

# CLIA Microparticles

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	17 α -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