

AutoLumo *A6200*  
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](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

Dual  
Assurance



Ultra  
Speed



Convenient  
Experience



Scalable  
Flexibility



Valuing  
Biosafety







# Dual Assurance

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

03

- Dual Sets of Substrate and Washing Buffer
- Automatic Switching After Depletion

04

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

05

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



## Ultra Speed

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

# SPEED

01

- Barcode Identification to Improve Sampling Efficiency

02

- High Throughput Reaches 600 T/h
- Support 1-4 Unit Integration up to 2400 T/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 Loading Multiple Reagent Kits of the Same Assay
- Continual Loading of Reagents with No System Interruption





# Convenient Experience

Easy-to-use Design for Consumables and Reagent Management

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

1

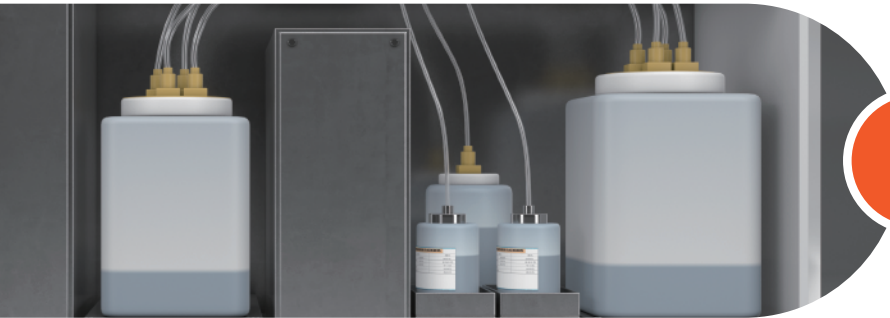
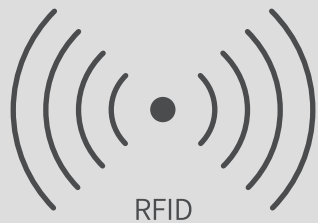


2

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

- RFID Scanning of Consumables and Reagent
- Fast Scanning and Easy Identification

3



4

- Auto-dilution of Wash Buffer
- Easy Storage and Transportation

# Scalable Flexibility

Flexible Extension Modes for Your Choice in Your Lab

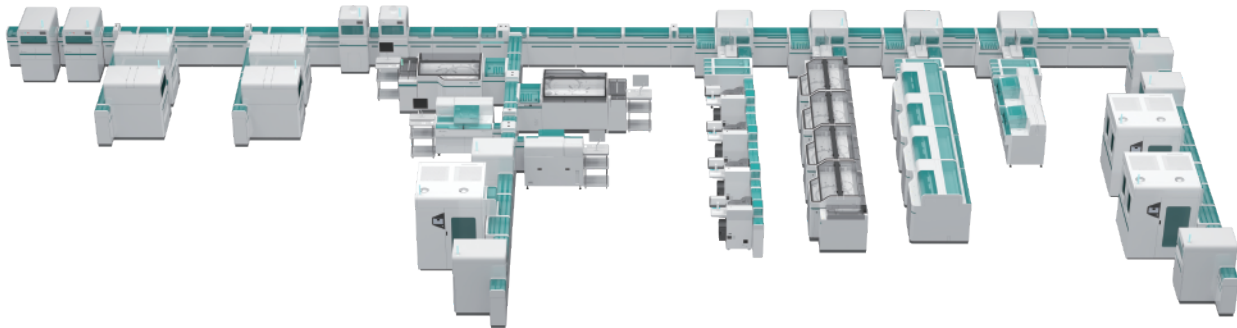
## Immunoassay Integration



## Immunoassay and Biochemistry Integration



## Total Laboratory Automation





# Valuing Biosafety

## Focus on Biosafety in Your Lab



Full Enclosure System to Reduce the Risk of Aerosol Leakage



Rotating for Decapping Potential--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             | 600 T/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             | ≤0.5 ppm  |
| Wash Station           | Surrounding Wash Station by Vacuum                                    |
| Pipette Range          | 8-150 μl  |
| Sample Dilution        | Up to 2601 fold   |
| Incubation Temperature | 37℃ ± 0.5℃  |
| Microparticles Washing | Bi-directional Washing  |
| Retest                 | Onboard Retest Available  |
| Size                   | 2355 X 1352 X 1300 mm   |
| Power Supply           | 110 or 220 V, 50/60 Hz  |

# CLIA Microparticles

Autobio  
Product List

| Tumor Markers           |                   | Hepato Fibrosis |                | Autoimmune Liver Disease  |                    |
|-------------------------|-------------------|-----------------|----------------|---------------------------|--------------------|
| AFP                     | CA242             | PIIINP          | HA             | Anti-gp210 IgG            | AMA-M2 IgG         |
| CEA                     | HE4               | Col IV          | CG             | Anti-sp100 IgG            |                    |
| tPSA                    | ProGRP            | LN              |                | Antiphospholipid Syndrome |                    |
| CA50                    | PIVKA-II          | Growth Hormone  |                | Anti- β 2-GP1             | Anti-CL            |
| fPSA                    | G-17              | IGF-1           | IGFBP-3        | Anti- β 2-GP1 IgA         | Anti-CL IgA        |
| CA125                   | HER-2/neu*        | HGH             |                | Anti- β 2-GP1 IgG         | Anti-CL IgG        |
| CA15-3                  | S100*             | Thyroid         |                | Anti- β 2-GP1 IgM         | Anti-CL IgM        |
| CA19-9                  | Pepsinogen I      | T3              | Anti-TPO       | Connective Tissue Disease |                    |
| Ferritin                | Pepsinogen II     | T4              | TG             | ANA IgG                   | Anti-SS-A/Ro IgG   |
| NSE                     | CYFRA 21-1        | TSH             | PTH            | Anti-dsDNA IgG            | Anti-Ro-52 IgG     |
| SCCA                    | β 2-Microglobulin | FT3             | rT3            | Anti-SS-B IgG             | Anti-Scl-70 IgG    |
| CA72-4                  |                   | FT4             | TRAb           | Anti-Sm IgG               | Anti-Jo-1 IgG      |
| Infectious Diseases     |                   | Anti-TG         |                | Anti-rib P IgG            | Anti-nRNP/Sm IgG   |
| Anti-HCV                | HP-IgG            | Hypertension    |                | Respiratory Disease       |                    |
| HAV-IgM                 | Anti-HTLV*        | Aldsterone      | Renin          | M.pneumoniae IgM          | L.pneumophila IgM  |
| HEV-IgM                 | VCA-IgA*          | ACTH            | Angiotensin II | M.pneumoniae IgG          | Enterovirus 71 IgM |
| HEV-IgG                 | EA-IgA*           | Cortisol        |                | C.pneumoniae IgM          | Coxsackie B IgM    |
| Anti-HIV                | VCA-IgM*          | Pre-natal       |                | RSV IgM                   | Influenza A IgM    |
| HIV Ag/Ab Combo         | NA1-IgA*          | Free β -HCG     | uE3            | Adenovirus IgM            | Influenza B IgM    |
| Anti-TP                 | EA-IgG*           | P-AFP           | PAPP-A         | Rheumatoid Arthritis      |                    |
| Endocrine Hormone       |                   | β -HCG          | Inhibin A*     | Anti-CCP IgG              | RF IgG             |
| LH                      | PRG               | Vasculitis      |                | RF                        | RF IgA             |
| FSH                     | DHEA-S            | Anti-PR3 IgG    | Anti-MPO IgG   | RF IgM                    |                    |
| PRL                     | SHBG              | Anti-GBM IgG    |                | Autoimmune Diabetes       |                    |
| Testosterone            | 17 α -OHP         | Cardiac Markers |                | IAA                       | IA-2A              |
| E2                      | AMH               | MYO             | hs-cTnT        | GADA                      | ICA                |
| Inflammation Monitoring |                   | cTnI            | BNP            | Anemia                    |                    |
| hs-CRP                  | D-Dimer           | CK-MB           | H-FABP         | Folate                    | Ferritin           |
| PCT                     | Lp-PLA2*          | NT-proBNP       |                | Vitamin B12               |                    |
| IL-6                    |                   | Diabetes        |                | Tuberculosis              |                    |
| HBV                     |                   | Insulin         | C-peptide      | TB-IGRA                   |                    |
| HBsAg                   | Anti-HBc          | Bone Metabolism |                | Allergy                   |                    |
| Anti-HBs                | HBV PreS1-Ag      | Osteocalcin     |                | tIgE                      |                    |
| HBeAg                   | Anti-HBc IgM      | Calcitonin      |                |                           |                    |
| Anti-HBe                |                   | 25-OH Vitamin D |                |                           |                    |
| ToRCH                   |                   | PTH             |                |                           |                    |
| Toxo IgM                | Toxo IgG          |                 |                |                           |                    |
| CMV IgM                 | CMV IgG           |                 |                |                           |                    |
| Rubella IgM             | Rubella IgG       |                 |                |                           |                    |
| HSV-1 IgM               | HSV-1 IgG         |                 |                |                           |                    |
| HSV-2 IgM               | HSV-2 IgG         |                 |                |                           |                    |

\*Coming Soon