

Specifications



- Throughput 600T/h
- 150 Sample Positions
- Emergency Sample Track, Routine Sample Track, and Return Track
- 50 Reagents Positions in 2 Reagents Disks with Support the Function of RFID Scanning
- Serum, Plasma and Urine is the sample type
- $\leq 5 \times 10^{-7}$ Carry-over
- Surrounding Wash Station by Vacuum
- Pipette Range is 5 - 150 μ l
- Up to 2601 fold Sample Dilution
- Incubation Temperature 37°C \pm 0.5°C
- Bi-directional Washing
- Onboard Retest Available
- Instrument Size is 2355 X 1352 X 1300 mm
- Power Supply 220 \pm 22V, 50 \pm 1Hz
- Time to 1st Results: 19 mins
- RV Loading Capacity : 3200 pcs
- Intelligent Liquid Level Detection, Clot Detection, Anti-Collision and Air Section Detection
- Onboard Reagent Storage : Independent Refrigerating System
- Replacement of Reagent and Consumables on Fly Loading
- Consumables Residue Calculation (LED Monitor and Software Monitor)
- Reaction Mode: 1 Step and 2 Steps
- Carry-over: < 1 ppm
- Barcode Reader Recognition or Analyser auto Numbered
- RFID tag / Barcode with Built-in Master Curve
- Calibration Stability: 28 Days
- Consistent Performance Reliability with Enhanced PMT Detection System
- Non Contact Vortex Mixing for Reaction Solution
- Independent Cooling Reagent Refrigerator at 2°C - 8°C
- Bi-Dirctional Interfacing LIS system
- Color Coded Rack for Efficient Operation

“Touching Human Lives Through Innovation”



AutoLumo *A6200 / A6600*

AUTOMATIC LUMINESCENCE IMMUNOASSAY ANALYZER

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AutoLumo

AUTOMATIC LUMINESCENCE IMMUNOASSAY ANALYZER A6200/A6600

Dual
Protection

High
Speed

Convenient
Experience

Extendable
Potential

Good
Biosafety



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

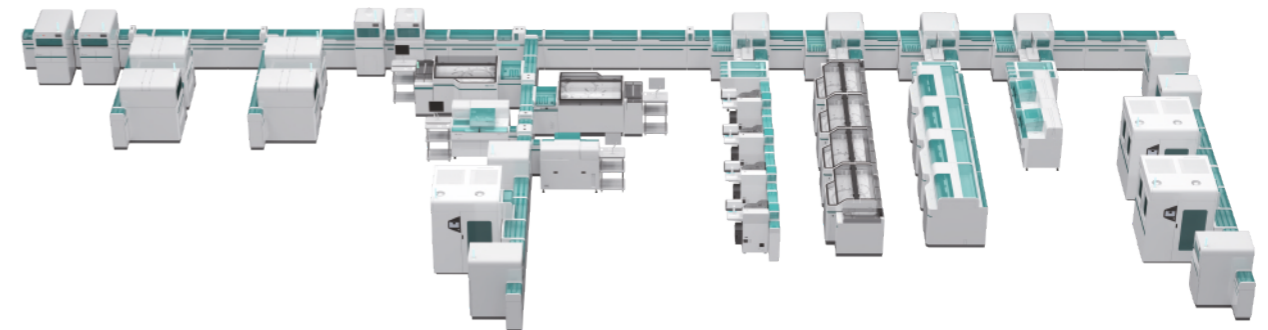
Immunoassay Integration



Immunoassay and Biochemistry Integration



Total Laboratory Automation



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

Good Biosafety

Focus on Biosafety in Your Lab



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

Menu

Thyroid

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

Fertility

FSH
LH
Prolactin
β-hCG
AMH
SHBG
DHEA
17 α-OHP
Estradiol
Testosterone
Progesterone

Anemia

Ferritin
FA
VB12

Bone Metabolism

OST*
CT*
25-OH VD
PTH

Pre-Natal

f-β-HCG
P-AFP
u-E3
PAPP-A
Inhibin-A*

Tumor marker

AFP
CEA
CA50
CA125
CA15-3
CA19-9
β2-MG
CA72-4
SCCA
NSE
CYFRA 21-1
PSA
fPSA
HE4
CA242*
PGI*
PGII*
ProGRP*
Ferritin
Pivka-II

Cardiac Markers

CK-MB
cTnI
MYO
NT-proBNP

BNP*

Hepato fibrosis

Col IV
PIII NP
HA
LN
CG

Diabetes

Insulin
C-Peptide

Infectious disease

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

Hepatitis B

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

TORCH

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

Tropical Diseases

Dengue IgG
Dengue IgM
Dengue NS1
Chikungunya-IgM*
Malaria Ag*
Leptospira IgM*
Typhoid*
Filariasis Ab
Scrub typhus Ab

RTI & Other infection

Mycoplasma pneumonia IgG*
Mycoplasma pneumonia IgM*
Chlamydia pneumonia IgM*
Anti-Respiratory Syncytial Virus*
Adenovirus IgM*
Enterovirus71 IgM*
Coxsackie Virus IgM*
Influenza A Virus IgM*
Influenza B Virus IgM*
Anti-Parainfluenza IgM Virus*

SARS-CoV-Panel

SARS-CoV-2 IgG
SARS-CoV-2 IgM
Anti-SARS-CoV-2 RBD
SARS-CoV-2 NAb(Quantitative)

Inflammation

hS-CRP
Helicobacter pylori IgG
Helicobacter pylori IgM*
PCT
IL-6

Coagulation

D-Dimer

Hypertension

Cortisol
ACTH
Cortisol
Renin
Angiotensin II

Growth

IGF-1
HGH

Others

TB-IGRA
IGE

(*Coming Soon)

Autoimmune

| | | | | | | |
|-------------------|-------------------|--------------|--------------|------------------|-----------------|------------|
| ANA | Anti-dsDNA IgG | Anti-CCP IgG | Anti-CL* | Anti-β2-GP1 IgA* | Anti-GBM IgG* | IAA IgG* |
| Anti-SS-A/Ro IgG* | Anti-Jo-1 IgG* | RF* | Anti-CL IgA* | Anti-β2-GP1 IgG* | AMA-M2 IgG* | ICA IgG* |
| Anti-Ro-52 IgG* | Anti-Sm IgG* | RF IgM* | Anti-CL IgG* | Anti-β2-GP1 IgM* | Anti-gp210 IgG* | IA-2A IgG* |
| Anti-SS-B IgG* | Anti-nRNP/Sm IgG* | RF IgG* | Anti-CL IgM* | Anti-PR3 IgG* | Anti-sp100 IgG* | ZnT8A IgG* |
| Anti-Scl-70 IgG* | Anti-rib P IgG* | RF IgA* | Anti-β2-GP1* | Anti-MPO IgG* | GADA* | |