

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
Free Testosterone

Anemia

Ferritin
Folate
Vitamin B12

Bone Metabolism

OST*
CT*
25-OH Vitamin D
PTH

Pre-Natal

f-β-HCG
P-AFP
u-E3
PAPP-A
Inhibin-A*

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	
Anti-Scl-70 IgG	Anti-rib P IgG	RF IgA	Anti-β2-GP1	Anti-MPO IgG	GADA	

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*
Trop T

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
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 Ag
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
Renin
Angiotensin II
Aldosterone

Growth

IGF-1
HGH

Tuberculosis

TB-IGRA

Allergy

Total IgE

AutoLumo
S900

“Touching Human Lives Through Innovation”



Fully Automated Chemiluminescence

INFINITY IN LIMITED SIZE...

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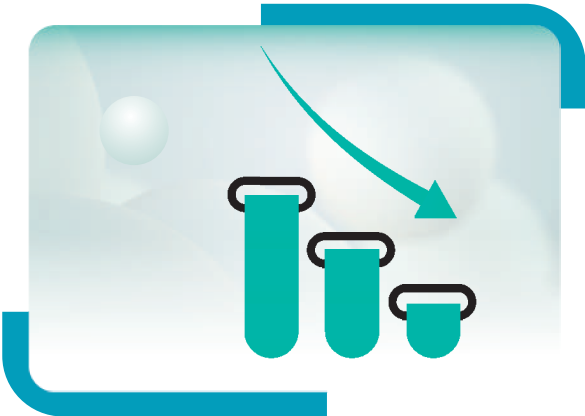
01 Small but Efficient

- Automatic CLIA system throughput of 180T/Hr
- Up to 16 items for one sample at one time
- 3 independent physical STAT channel



05 Cost-saving of Consumables

- Teflon coated multifunctional probe
- Less wash buffer consumption
- Independent reagent refrigerator in sleep mode



02 Long Walk Away Time

- Large Capacity of reaction vessels: 1000 pcs
- Consumables replenishment in low frequency
- One set of substrate supports 2000 tests

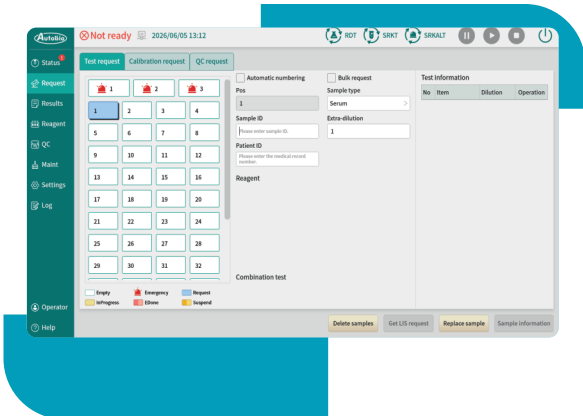


06 Long Term Planning

- Comprehensive test menu of 150+ assay.
- Special items: TB-IGRA, autoimmune panel, tumor markers, torch

03 Simple Operation

- Touchscreen interface
- RFID enabled reagent inventory
- Visual management of consumables
- Independent reagent refrigerator in sleep mode



04 Precise and Reliable Result

- Special-designed wash station
- Five-stage swimming magnetic separation cleaning
- Eccentric non-contact vortex mixing technology
- Intelligent probe with probe collision protection, liquid level detection, clot detection

Specification

- Touch screen operation: 15.6 inch screen.
- Throughput: 180T/hr.
- Time to 1st Result: 19 mins.
- RV Loading Capacity: 1000 pcs, continuous loading.
- Sample Loading Capacity: 51 samples including 3 independent STAT positions.
- Sample Pipette Volume: 8-150 µL.
- Sample Dilution Factor: up to 2601-fold.
- Anti-collision detection, liquid level detection, air aspiration and probe blockage detection.

- Onboard Reagent Capacity: 16 positions, Continuous reagent loading with appointment.
- Onboard Reagent Storage: 2-8 °C, 24h independent cooling in sleep mode.
- Reagent Scanning: RFID.
- Incubation Temperature: 37 ± 0.3 °C.
- Sample Probe Carry-over: ≤ 0.1 ppm².
- Size (W*D*H): 576 x 796 x 654 mm.
- Weight: 85kg.