

CLIA Reagents



Tumor marker

Ferritin, VEGF, S100, PG I, PG II, AFP, CEA, G-17, CA15-3, CA125, CA19-9, CA50, CA72-4, NSE, β 2-MG, CA242, SCC, proGRP, CYFRA21-1, HE4, PSA, f-PSA, TPS, S100 β , PACP



Cardiac

NT-proBNP, MYO, h-FABP, cTnI, CK-MB, D-Dimer, MPO, BNP, sST2, Lp-PLA2, hs-cTnI



Respiratory Diseases

MP IgG, MP IgM, Cpn IgG, Cpn IgM, RSV IgM, Adv IgM, FLU-A IgM, FLU-B IgM, CBV IgM



Infectious Disease

HIV Ag/Ab, HCV Ab, TP Ab, HBsAg, HBsAb, HBeAg, HBeAb, HBcAb



Fertility

LH, PRL, FSH, Progesterone, E2, Testosterone, HCG, Total β -HCG



Thyroid

T3, T4, FT3, FT4, TSH, TG-Ab, TPO-Ab, TG



Prenatal Screening

Pregnancy AFP, PAPP-A, Free β -HCG, uE3



Inflammation

PCT, IL-6, CRP, SAA



Bone Metabolism

PTH, 25-OH Vitamin D



Anemia

Folate, Vitamin B12, sTfR



Liver Fibrosis

CG, HA, LN, CIV, IIIN-P, FN



Renal

PLA2R IgG



Diabetes

INS, C-P

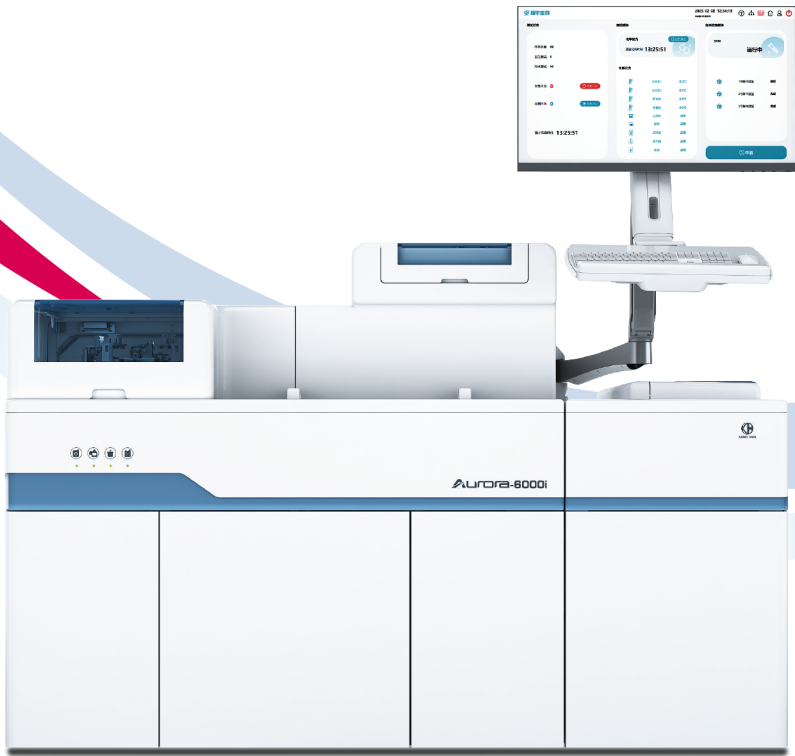
*CE certified reagents are as dark color marked.




Contact HIGHTOP Now

Automatic Chemiluminescence Immunoassay Analyzer

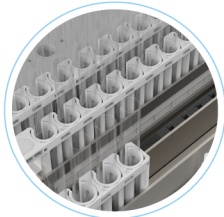
Aurora-6000i



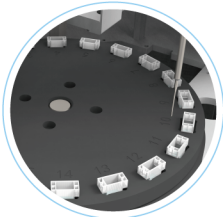
Product Feature



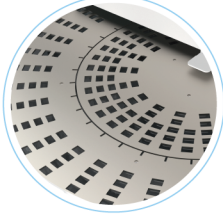
Double reagent tray, back-up reagent needle, 50 refrigerated reagent positions, RFID recognition.



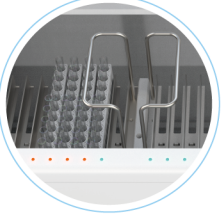
Parallel operation of priority emergency track, regular sample track, and sample return track, ensures extreme efficiency of detection procedure.




Innovated reaction cup tray offers 37 °C precise temperature control, improving reaction efficiency.




288 incubation positions, Matrix-type solid direct heating, dual-cycle bidirectional automatic scheduling.




310 sample positions, sample rack loading module, basket-type loading.




Pouring addition of reaction cups, maximum 3,000 at one time.



Double substrate solutions and back-up washing solution.



Priority channel for emergency samples, 15 seconds to reach detection area.



Intelligent

Ai-powered dispatch and nomothermal systems optimize detection process, improve test efficiency.

Synergetic

Advanced cleaning mechanism, strong magnetic beads absorbent, and nano-grade low-reflective coated dark chamber ensures precise and reliable results.

Protective



Solid-liquid separation waste handling system with closed sampling module and track design, minimizes manual intervention, offering important protection for lab personnel.

Technical Parameters

Module Group	Parameter	Description
General Specification	Test Principle	Magnetic beads based acridinium ester labeled direct chemiluminescence
	Test Speed	600 T/H
	Connection	Allow connection of 1-4 analyzers, maximum test speed 2400 T/H
	Floor Space	2.1 m²
	Space Efficiency Ratio	Single analyzer: 282 T/H/m2, 4 analyzers connected: 360 T/H/m2
	Time to First Result	9 min
Sampling Module	Sample Position	310
	Sample Type	Serum, Plasma
	Sampling Range	5~200µL
	Emergency Sample	Equipped with emergency sample track, priority testing of emergency samples
Reaction System	Sample Tube	Support mix loading of different types of sample tubes.
	Incubation Position	288
	Incubation Method	Matrix-type solid direct heating
	Simultaneous Test Items	50
	Reaction Cup Storage	3000
Reagent Module	Reagent Position	50, support auto-blending of magnetic beads
	Reagent Loading Method	Double reagent tray design, each can operate independently
	Reagent Loading Range	5~200µL
Optional Module	Calibration & QC	Auto-calibration and QC
	Pre-processing Module	Allow automatic decapping, centrifuging, and recognition of sample quality
Operation Specification	Post-processing Module	Allow automatic recapping, and auto-QC
	Power Supply	220V±22V, 50Hz±1Hz
	Dimension (L*W*H)	1860mm*1155mm*1370mm
	Weight	400 kg