



COVID-19 Chemiluminescence Testing Kit

HIGH SENSIVITY
FAST RESULT



eCL8000

Electro-chemiluminescence Immunoassay (ECLIA) System

Distributor



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eCL8000

Electro-chemiluminescence Immunoassay (ECLIA) System

Advantages of Electro-chemiluminescence Immunoassay

- Controllable Optical Signal
- High Sensitivity and Precision
- Magnitude of Luminescent Intensity Reaches Six Orders
- Compatible with Small Sample Volume
- High Stability for Reagent
- One of The ECLIA System in the World



- Up to 86 T/Hour, 18 Minutes to Get 1st Result
- 10 Reagent Positions on Board
- Continuously 4-15°C Refrigerated Reagent Slot
- Non-stop Magnetic Bead Mixing



- 3 Sample Racks, 10 Positions per Rack
- Sample Positions with Independent Barcode
- STAT Available
- Automatic Dilution Function



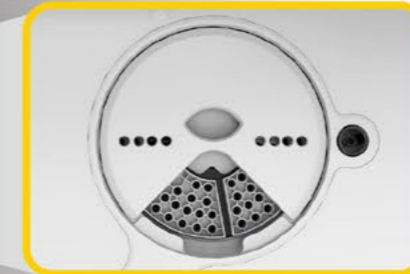
- Integrated Barcode Scanner and Card Reader
- RFID Card with Calibration Curve



- Titanium Alloy Needle with Teflon Coating
- Sample Clot Detection, Liquid Detection
- Needle Collision Protection and Needle Blocking Detection



- 100 Incubation Space
- Disposable Incubation Cup
- Constant 37°C Incubation



- Windows 7 Operating System
- User Friendly Interface
- Touch Screen Operation
- LIS Compatible
- Intelligent Management for Calibration, QC and Troubleshooting



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Electro-chemiluminescence Immunoassay (ECLIA) System

ASSAY MENU

Infectious Disease

SARS-CoV-2 IgM
SARS-CoV-2 IgG

Thyroid Function

T4
T3
FT4
FT3
TSH
Tg
TGB
Anti-TPO
Anti-Tg

Bone Metabolism

25OH-VD
PTH
CT

Anemia

Folate
Ferritin

Fertility

E2
TESTO
PROG
HCG
FSH
LH
PRL

Hepatic Fibrosis

CG
LN
CIV
PIIINP
HA

Glycometabolism

Insulin
C-peptide

Inflammation and Infection

PCT
CRP
IL-6

Gastritis

PG I
PG II

Cardiac Markers

MYO
CK-MB
NT-proBNP
cTnI
Digoxin
H-FABP
Lp-PLA2
Cardiac Control

Specifications

Methodology	Electro-chemiluminescence Immunoassay (ECLIA)
Test Mode	Standard, STAT
Reagent Channels	10
Sample Positions	30
Sample Type	Serum, Plasma
Sample Volume	5 - 100 μ L
Reaction Positions	100
Reaction Cups	Disposable
Throughput	86 T/Hour
Incubation Temperature	37 \pm 0.5 $^{\circ}$ C
Reagent System	Liquid Level Detection; Refrigeration, 4 - 15 $^{\circ}$ C;
System Reagent	Buffer and Auffer; Slot Temperature 28 \pm 2 $^{\circ}$ C
Probe	Liquid Level Detection, Probe Crashing Protection, Probe Blocking Detection
Dimensions	650 mm \times 620 mm \times 650 mm (25.6"H x 24.4"W x 25.5"D)
Weight	92 kg (203lbs)

Manufacturer

Lifotronic Technology Co., Ltd.

Address: 4th Floor, Building 15, 1008 Songbai Road,
Nanshan District, Shenzen, 518055, China

Distributor

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