

eCL8000

Electro-chemiluminescence Immunoassay (ECLIA) System

ASSAY MENU

Infectious

SARS-CoV-2 IgM
SARS-CoV-2 IgG
SARS-CoV-2 Total Antibody
MP-IgM
MP-IgG
CP-IgM
CP-IgG

Inflammation

IL-6
PCT
CRP
SAA

Bone metabolism

25-OH Vitamin D
PTH
CT

Gastritis

PG-I
PG-II
Gastrin-17

Cardiac Markers

MYO
CK-MB
cTnI
NT-proBNP
H-FABP
Lp-PLA2
CK-MB STAT
MYO STAT
hs-cTnT STAT
NT-proBNP STAT
D-Dimer

Hepatic Fibrosis

HA
PIIINP
CIV
LN
CG

Glycometabolism

Insulin
C-peptide

Thyroid

TSH
T4
T3
FT4
FT3
TG
TBG
Anti-TG
Anti-TPO

Fertility

Beta-HCG
PROG
TESTO
PRL
FSH
LH
E2
AMH

Tumor marker

AFP
CEA
CA 125
CA 15-3
CA 19-9
CA 7-24
SCCA
PIVKA-II
NSE
proGRP
CYFRA 21-1
HE4
TPSA
FPSA

Anemia

Folate
Ferritin
VB12

Specifications

Methodology	Electro-chemiluminescence Immunoassay (ECLIA)
Test Mode	Standard, STAT
Reagent Channels	10
Sample Positions	30
Sample Type	Serum, Plasma
Sample Volume	5 - 100 µL
Reaction Positions	100
Reaction Cups	Disposable
Throughput	86 T/Hour
Incubation Temperature	37±0.5°C
Reagent System	Liquid Level Detection; Refrigeration, 4 - 15°C;
System Reagent	Buffer and Auffer; Slot Temperature 28±2°C
Probe	Liquid Level Detection, Probe Crashing Protection, Probe Blocking Detection
Optional function	Automatic cap removing
Dimensions	650 mm×620 mm×650 mm (25.6"H x 24.4"W x 25.5"D)
Weight	92 kg (203lbs)

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Lifotronic

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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 Reagents
- One of The Smallest ECLIA System in the World



- Up to 86 T/Hour, 18 Minutes to Show 1st Result
- 10 Reagent Positions on Board
- Constant 4-15°C Refrigeration Reagent Slot
- Automatic 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 Linked with Auto-Calibration Function



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



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



- Windows7 Operating System
- User Friendly Interface
- Touch Screen Operation
- LIS Compatible
- Intelligent Management for Calibration, QC and Troubleshooting

