

# eCL8000

## Electro-chemiluminescence Immunoassay (ECLIA) System

# Lifotronic

— Caring for Better Life —

(SSE: 688389)

### Assay Menu (\*: Coming soon)

#### COVID-19

SARS-CoV-2 IgM  
SARS-CoV-2 IgG  
SARS-CoV-2 Total Antibody  
SARS-CoV-2 Neutralization Ab

#### TORCH

Toxo IgG \*  
Toxo IgM \*  
Rubella IgG \*  
Rubella IgM \*  
CMV IgG \*  
CMV IgM \*  
HSV-1/2 IgG \*  
HSV-1/2 IgM \*  
HSV-2 IgG \*

#### Gastritis

PG-I  
PG-II  
Gastrin-17

#### Anemia

Folate  
Ferritin  
VB12

#### Tumor marker

AFP  
CEA  
CA 125  
CA 15-3  
CA 19-9  
CA 72-4  
SCC  
PIVKA-II  
NSE  
proGRP  
CYFRA 21-1  
HE4  
TPSA  
FPSA

#### Hepatic Fibrosis

HA  
PIIINP  
CIV  
LN  
CG

#### Glycometabolism

Insulin  
C-peptide

#### 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 STAT

#### Fertility

Beta-HCG  
PROG  
TESTO  
PRL  
FSH  
LH  
E2  
AMH

#### Bone metabolism

25-OH Vitamin D  
PTH  
CT

#### Thyroid

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

#### Infectious

HIV Ag+Ab \*  
HBsAg \*  
Anti-HBs \*  
HBeAg \*  
Anti-HBe \*  
Anti-HBc \*  
Anti-HCV \*  
Syphilis \*

#### Inflammation

IL-6  
PCT  
hs-CRP  
SAA

### Specifications

<b>Methodology</b>	Electro-chemiluminescence Immunoassay (ECLIA)
<b>Test Mode</b>	Standard, STAT
<b>Reagent Channels</b>	10
<b>Sample Positions</b>	30
<b>Sample Type</b>	Serum, Plasma
<b>Sample Volume</b>	5 - 100 µL
<b>Reaction Positions</b>	100
<b>Reaction Cups</b>	Disposable
<b>Throughput</b>	86 T/Hour
<b>Incubation Temperature</b>	37±0.2°C
<b>Reagent System</b>	Liquid Level Detection; Refrigeration, 4 - 15°C;
<b>System Reagent</b>	Buffer and Auffer; Slot Temperature 28±2°C
<b>Probe</b>	Liquid Level Detection, Probe Crashing Protection, Probe Blocking Detection
<b>Optional function</b>	Automatic decapping
<b>Dimensions</b>	650 mm×620 mm×650 mm (25.6"H x 24.4"W x 25.5"D)
<b>Weight</b>	92 kg (203lbs)

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eCL9000  
300T/h

Coming  
Soon



# eCL8000

## Electro-chemiluminescence Immunoassay (ECLIA) System



## 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 Reagents
- One of The Smallest ECLIA System in the World



- Up to 86 T/Hour, 9 Minutes to Show 1<sup>st</sup> 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



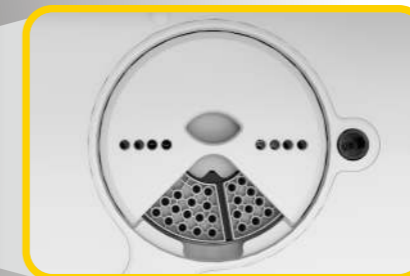
- Integrated Barcode Scanner and Card Reader
- RFID Card Linked with Auto-Calibration Function



- 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



- Windows10 Operating System
- User Friendly Interface
- Touch Screen Operation
- LIS Compatible
- Intelligent Management for Calibration, QC and Troubleshooting

