

Lifotronic

— Caring for Better Life —

(SSE: 688389)

eCL8000



Specifications

Methodology	Electro-chemiluminescence Immunoassay (ECLIA)
Test mode	Batch, STAT
Throughput	86 T/h
Time to first result	9 mins
Reagent system	10 positions; 4-15°C onboard refrigeration
Sample position	30 positions; Continuous loading
Sample volume and type	5-100 µL; Serum and plasma
Incubation system	100 positions; 37±0.3°C incubation
Probe system	Liquid level detection; Clot detection; Anti-collision function
Operation system	Windows 10, Touch screen, LIS compatible
Optional function	Automatic decapping
Dimensions and weight	650 mm×620 mm×650 mm (25.6"H x 24.4"W x 25.5"D); 100kg



eCL9000
300T/h

Coming
Soon



eCL8000

Automated Electro-chemiluminescence Immunoassay (ECLIA) Analyzer

Marketed by:

HSC
Hospital Supply
Corporation

Karachi (Head Office) 021-34303170-71
 Lahore 042-37429390
 Islamabad 051-4440032
 Multan 061-6524613
 Sukkur 0309-2226304
 Peshawar 0333-9350406
 Web: www.hsc.com.pk
 Email: hsc@hsc.com.pk

49
Years of
Excellence
in Healthcare

Advantages of Electro-chemiluminescence Immunoassay

- Controllable signalling process
- Even, strong and long-lasting planar luminescence
- High sensitivity and precision
- Small sample volume needed
- Stable label and reagent
- Suitable for the detection of small molecular analytes

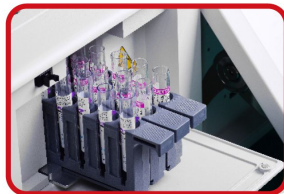
Automated Electro-chemiluminescence Immunoassay (ECLIA) Analyzer

eCL8000

- Up to 86 T/Hour, 9 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



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



eCL8000

Automated Electro-chemiluminescence Immunoassay (ECLIA) Analyzer

Compact and More

Automated Electro-chemiluminescence Immunoassay (ECLIA) Analyzer

Minimum space occupation

Outstanding performance

Rapid measurement

Easy operation



Assay Menu

Tumor marker

CEA
AFP
CA 19-9
CA 15-3
CA 125
HE4
TPSA
FPSA
SCC
NSE
CYFRA 21-1
proGRP
CA 72-4
CA 50*
CA 242*
S100*
TNF-α*

Cardiac

cTnI
CK-MB
MYO
NT-proBNP
BNP
H-FABP
Lp-PLA2
MPO
hs-cTnT STAT
CK-MB STAT
MYO STAT
NT-proBNP STAT
BNP STAT
H-FABP STAT

Hepatic fibrosis

CIV
CG
LN
PIIINP
HA

Anemia

Vitamin B12
Folate
Ferritin

Diabetes

Insulin
C-peptide

Coagulation

D-Dimer STAT
FDP

Gastric marker

PG-I
PG-II
Gastrin-17

Growth hormone

hGH
IGFBP-3*

Fertility

FSH
LH
PRL
E2
TESTO
PROG
Total β-HCG
AMH
SHBG
Total β-HCG STAT
PROG STAT

Inflammation

PCT
IL-6
hs-CRP
SAA
PCT STAT
IL-6 STAT
hs-CRP STAT

Hypertension

Aldosterone*
Cortisol*
Renin*
ACTH*

Autoimmune

Anti-CCP

COVID-19

SARS-CoV-2 IgG
SARS-CoV-2 IgM
SARS-CoV-2
Neutralizing Ab

Thyroid

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

Infectious

HBsAg*
HBeAg*
Anti-HBs*
Anti-HBe*
Anti-HBc*
Anti-HCV*
Anti-HIV*
Anti-TP*

Bone marker

25-OH Vitamin D
PTH
CT
N-MID

* Coming soon