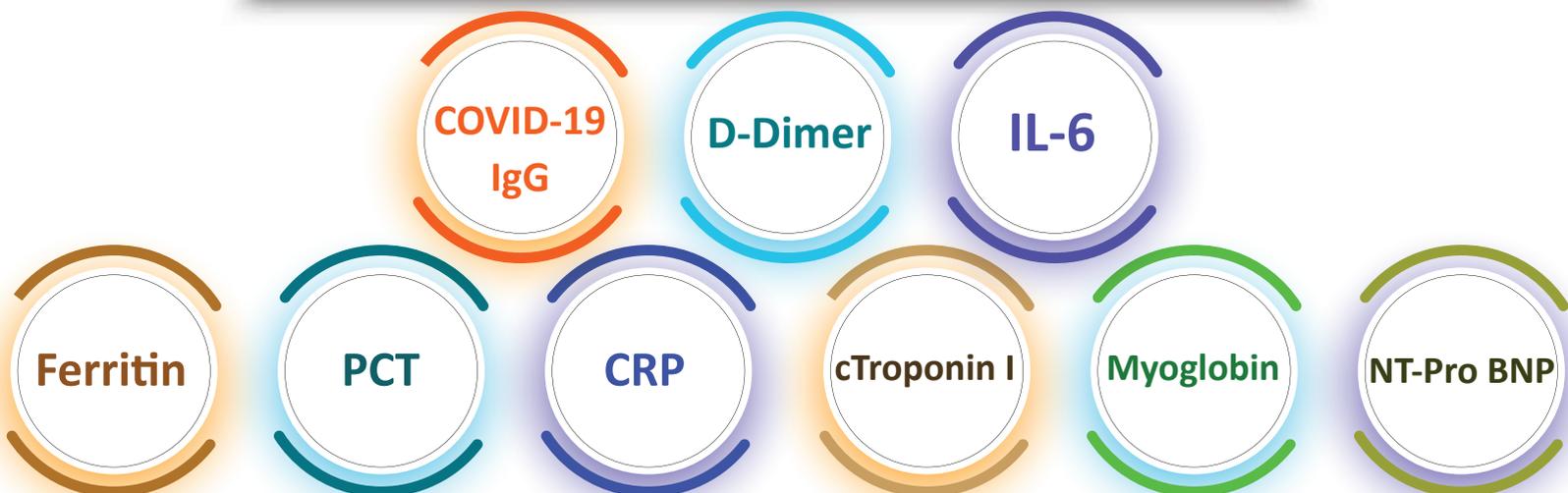


MAGLUMI 800

Chemiluminescence Immunoassay (CLIA) System

- More than 120 tests onboard
- Throughput of 180 tests/hr
- Based on FLASH CLIA with nanomagnetic separation
- Random access, STAT and batch mode



TEST MENU

COVID-19 Markers

COVID-19 IgG
D-Dimer
IL-6
Ferritin
PCT
CRP
cTroponin I
Myoglobin
NT-Pro BNP

Fertility

FSH
LH
HCG/ β -HCG
PRL
Estradiol
Progesterone
free Estriol
Testosterone
free Testosterone
DHEA-S
17-OH Progesterone
AMH
*SHBG
*Androstenedione
*PLGF
*sFLT-1

Prenatal Screening

AFP (Prenatal Screening)
free β -HCG
PAPP-A
HCG/ β -HCG
free Estriol

Bone Metabolism

Intact PTH
Calcitonin
Osteocalcin
25-OH Vitamin D
Intact PTH
* β -CTX
*PINP

Thyroid

TSH (3rd Generation)
FDA 510(k) Cleared
T₄
T₃
FT₄
FT₃
Tg (Thyroglobulin)
TGA (Anti-Tg)
TRAb
TMA
Anti-TPO
Rev T₃
Intact PTH

Glyco Metabolism

C-Peptide
Insulin
ICA
IAA (Anti Insulin)
Proinsulin
GAD 65
Anti-IA2

Tumor Markers

Ferritin
AFP
CEA
Total PSA
f-PSA
CA 125
CA 15-3
CA 19-9
PAP
CA 50
CYFRA 21-1
CA 242
CA 72-4
NSE
S-100
SCCA
TPA-snibe
Pepsinogen I
Pepsinogen II
Gastrin-17
H.pylori IgG
 β_2 -MG
Calcitonin
Proinsulin
*H.pylori IgA
*H.pylori IgM
*proGRP
*AFP-L3
*HE4
*PIVKA-II
*HER-2

Kidney Function

β_2 -MG
Albumin

Inflammation Monitoring

hs-CRP
PCT (Procalcitonin)
IL 6

Autoimmune

TGA (Anti-Tg)
TRAb
TMA
Anti-TPO
ICA
IAA (Anti Insulin)
GAD 65
Anti-IA2
Anti-CCP
Anti-dsDNA
ANA
ENA
Anti-Sm
Anti-Ribosomal-P
Anti-Scl-70
Anti-CENP-B
Anti-Jo-1
Anti-M2
Anti-Histone
Anti-RNP
Anti-SSB
Anti-SSA

Anemia

Vitamin B₁₂
Ferritin
Folate (FA)

EBV

EBV EA IgG
EBV EA IgA
EBV VCA IgG
EBV VCA IgM
EBV VCA IgA
EBV NA IgG
*EBV NA IgA

Others

GH (hGH)
IGF-I
Cortisol
ACTH
*IGFBP-3

Drug Monitoring

CSA (Cyclosporine A)
FK 506 (Tacrolimus)
Digoxin

Immunoglobulin

IgM
IgA
IgE
IgG

Hepatic Fibrosis

HA
PIIIP N-P
C IV
Laminin
Cholyglycine

TORCH

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

Cardiac

CK-MB
Troponin I
Myoglobin
NT-proBNP
Aldosterone
Angiotensin I
Angiotensin II
D-Dimer
LP-PLA2
hs-cTnl
hs-CRP
Direct Renin
*H-FABP
*BNP

* Available soon

ADVANTAGE OF MAGLUMI™ 800



- For small and middle size labs or hospitals
- Simple, Smart, Humanization designed model
- More than enough test menu to meet the different needs and it will be extended according to your requirement
- Free Quality Control and calibrator helps to reduce the Cost Per Test
- Quality guarantee by the Third party quality control and External Quality Assessment (EQA)
- Key technology ABEI and Nano magnetic microbead enhances stability and sensitivity of MAGLUMI™ reagents

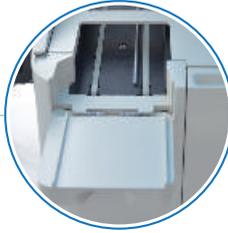
MAGLUMI™ 800

- Integrated design and humanized appearance
- Simple and smart operation
- Compact size and weight



Pipettor

- Aspirate reagent / sample with high speed
- Titanium needle for crushproof
- Clot detection & liquid level detection
- Coated with TEFLON to prevent carry-over
- Inner & external washing



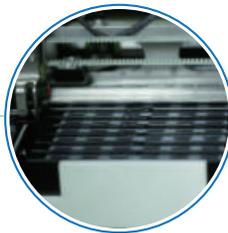
Automated cuvette loader

- Up to 40 modules of 240 tests
- Continuous loading



Sample area

- Up to 40 sample on board with barcode
- Continuous loading & cooling function
- Random, batch, and STAT functions



Incubator

- 13 Incubate slots (78 tests at the same time)
- The temperature is $36.8\text{ }^{\circ}\text{C} \pm 0.5\text{ }^{\circ}\text{C}$



Reagent area

- Up to 9 reagents on board with RFID
- RFID label storing reagent information
- Easy and fast for adding and updating
- RFID tag, high reliability



Washer

- Strong magnetic field helps better separation
- Three pairs of washing needles with anti-overflow function



Chamber

- High-sensitivity and low-noise PMT
- Cuvettes detection and anti-overflow

MAGLUMI™ 800

Chemiluminescence Immunoassay (CLIA) System

Technical Specifications

Reagent Feature

- Flash chemiluminescence label-ABEI, with high sensitivity and long stability
- Nano magnetic microbeads separation, fast and efficient

Main Features

- Throughput: up to 180 tests/hour
- 24 hours ready to use
- Time to first result: 17 minutes

Modes of Operation

- Random, Batch and STAT

Sample Loading

- Up to 40 sample tubes
- Continuous loading, STAT available
- Barcode reader recognition or analyzer auto numbered
- LIS connection, auto read sample info
- Refrigerated sample area with independent power supply

Reagent Loading

- 9 reagents on board
- Continuous loading
- RFID reading all info of reagent
- Refrigerated reagent area

Reagent Integral

- Ready-to-use, no pretreatment required
- Including calibrators
- RFID tag storing all info of reagent
- RFID tag with built-in master curve
- 2-point calibration to adjust master curve
- Calibration stability: Max 4 weeks

Other Features

- Clot detection
- Liquid level detection
- Auto and optional ratio for high sample dilution
- Constant 37°C incubation

Operation System

- Windows 7
- DELL compatible (Dual-core CPU)
- Color touch screen

Interconnection

- Bi-communication with LIS via ASTM protocol

Dimensions Weight

- Input: AC 110-230V, 50/60 Hz, Max 630W
- Dimension and Weight: 102*72*56cm 73kg

Maglumi other models



Maglumi 600

Chemiluminescence immunoassay CLIA System

- Throughput: Maximum 180 tests/hour
- Sample and reagent continuous loading
- On board capability: up to 16 samples
- Reagents Positions: 4
- Random access on batch mode: STAT



Maglumi 2000

Chemiluminescence immunoassay CLIA System

- Throughput: Maximum 180 tests/hour
- Sample and reagent continuous loading
- On board capability: up to 144 samples
- Reagents Positions: 15
- Random access on batch mode: STAT

Promoting better diagnostic tools[®]



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