



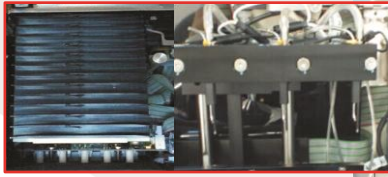
MAGLUMI 800

Chemiluminescence

Immunoassay (CLIA) System

- Uses two key technologies enhances reagents stability & sensitivity.
- 1) Flash Chemiluminescence ABEI Labeling Technology
- 2) Magnetic Microbeads Separation Technology
- Reagent integral, includes calibrator & Internal QC.
- More than enough test menu to meet the different needs.
- Throughput : up to 180 tests/hour, Continuous loading with STAT function

Incubator

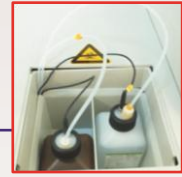


13 Incubateslots
(78 testsatthetime
36.8± 0.5°C

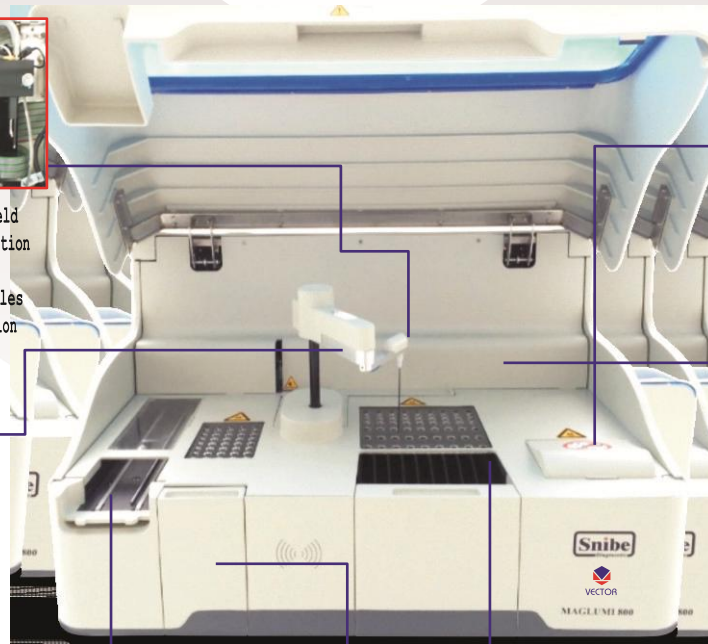
Washer

Strongmagneticfield
Helpsbetterseparation
Threepainsofneedles
Antioverflowfunction

Starters



ConsistsofNaOHandH2O2
Unaffectedoftemperature



Pipettor

Hightspeedaspirationofreagent/sample
Internalandexternalwashing
Tefloncoating*Titaniumneedle



Detection Chamber (PMT)

HightsensitivityandlownoisePMT
Cuvettedetectionandantioverflow



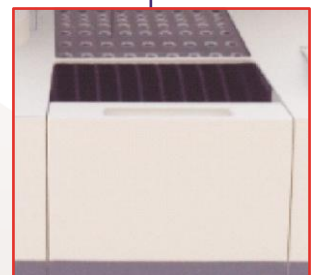
Automated Cuvette Loader

Upto40Modulesof240tests
ContinuousLoading



Sample Area

Upto40reagentsonboardwithbarcode
Continuousloadingwithcooling
Random, BatchandSTATfunction



Reagent Area

Upto9reagentsonboardwithRFID
EasyandFastaddingandUpdating
HighlyreliableRFIDtag

MAGLUMI 800 - Integrated Design

- Stateoftheartdesign
- Simpleandsmartoperation

Operating Software



Comprehensive Software

Intelligent alarm function
User friendly interface Real time status
and monitoring of reagents,
Consumables



Maintenance Guide

Step by step guidance,
ensure performance
reliability Daily, Weekly and Monthly
maintenance guide for analyzer



Comprehensive Software

Westgard rules and Lj chart
for both internal and external QC



Test Summary Function

Including test, calibration, QC,
Statistic tests and rerun tests
Convenient searching and review
of information



Clot Detection, Pre & Post Dilution Function

Automatic feature of Pre,
Post Dilution and Return
For high samples



LIS Connection

BiDirectional LIS connection
by TCP/IP and COM

Test Menu

γThyroid

TSH (3rd Generation), T4, T3, FT4, FT3, Tg (Thyroglobulin),
TGA (Anti-Tg), Intact PTH, TRAb, TMA, Anti-TPO, RevT3

γHepatic Fibrosis

HA, PIIIPN-P, CIV, Laminin, Cholyglycine

γTORCH

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

γEBV

EBVEA IgG, EBVEA IgA, EBVCA IgG, EBVCA IgM,
EBVCA IgA, EBVNA IgG, EBVNA IgA

γInflammation Monitoring

hs-CRP, PCT (Procalcitonin), IL-6

γFertility

FSH, LH, HCG/ $\hat{\alpha}$ -HCG, PRL, Estradiol, Progesterone,
free Estradiol, Testosterone, free Testosterone, DHEA-S,
17-OH Progesterone, AMH, SHBG, Androstenedione,
*PIGF, *sFlt-1

γAutoimmune

TGA (Anti-Tg), TRAb, TMA, Anti-TPO, ICA,
IAA (Anti-Insulin), GAD65, Anti-IA2, Anti-dsDNA IgG,
ANAScreen, ENAScreen, Anti-Sm IgG, Anti-Rib-PI IgG,
Anti-Scl-70 IgG, Anti-Centromeres IgG, Anti-Jo-1 IgG,
Anti-Histones IgG, Anti-nRNP/Sm IgG, Anti-SS-B IgG,
Anti-SS-A IgG, Anti-CCP

γImmunoglobulin

γKidney Function

$\hat{\alpha}$ -MG, Albumin, *NGAL

γTumor Markers

Ferritin, AFP, CEA, Total PSA, f-PSA, CA125,
CA15-3, CA19-9, HCG/ $\hat{\alpha}$ -HCG,
Tg (Thyroglobulin), PAP, CA50, CYFRA21-1,
CA242, CA72-4, NSE, S-100, SCCA, TPA-snibe,
Pepsinogen I, Pepsinogen II, Gastrin-17,
H. pylori IgG, H. pylori IgA, H. pylori IgM, $\hat{\alpha}$ -MG,
Calcitonin, Proinsulin, ProGRP, HE4, HER-2,
*PIVKA-II, *AFP-L3

γInfectious Disease

HBsAg, Anti-HBs, HBeAg, Anti-HBe, Anti-HBc,
Anti-HCV, Syphilis, Chagas, HTLV I+II, Anti-HAV,
HAV IgM, HIV Ab/Ag combi, HIV p24 Ag,
H. pylori IgG, H. pylori IgA, H. pylori IgM,
*Anti-HBs IgM

γDrug Monitoring

CSA (Cyclosporine A), FK506 (Tacrolimus),
Digoxin

γCardiac

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

γPrenatal Screening

AFP (Prenatal Screening), Free $\hat{\alpha}$ -HCG,
PAPP-A, HCG/ $\hat{\alpha}$ -HCG, free Estradiol

γAnemia

Vitamin B12, Ferritin, Folate (FA),
*RBC Folate

γGlyco Metabolism

C-Peptide, Insulin,
ICA, IAA (Anti-Insulin), Proinsulin,
GAD65, Anti-IA2

γBone Metabolism

Calcitonin, Osteocalcin,
25-OH Vitamin D, Intact PTH,
* $\hat{\alpha}$ -CrossLaps ($\hat{\alpha}$ -CTX), *total PINP

γHepatic Fibrosis

HA, PIIIPN-P, CIV, Laminin,
Cholyglycine

γOthers

Cortisol, GH (hGH), IGH-I,
ACTH, IGFBP-3

*Available soon

MAGLUMI 800

Chemiluminescence Immunoassay (CLIA) System

Technical Specification

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
- 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 reads sample info
- Refrigerated sample area with independent power supply

- 9 reagents on board

Reagent Loading

- 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

- Clot detection

Other Features

- Liquid level detection
- Auto and optional ratio for high sample dilution
- Constant 36.8°C ± 0.5°C incubation

Operating System

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

Interconnection

- Bidirectional LIS connection by TCP/IP and COM

Dimensions Weight

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