

SmarLumi™



Wondfo
Racing For Life

SmarLumi™ FC-2100

Automatic Chemiluminescence

Immunoassay Analyzer

Guangzhou Wondfo Biotech Co., Ltd.

No.8 Lizhishan Road, Science City,
Huangpu District, 510663, Guangzhou, P.R.China
Tel: (+86) 400-830-8768
Website: en.wondfo.com
E-mail: sales@wondfo.com.cn



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Product Features

● Flexibility & Efficiency

- STAT mode supported
- Only 0.64 m² footprint with 60 sample positions
- <12 mins for the first result
- High throughput with 200T per hour
- RFID management, easy to load reagents

● Better User Experience

- Built-in touch screen operation
- Bidirectional LIS communication
- Visual management of consumables and reagents
- Cuvettes loading by dumping
- Continuous loading and offloading of reagents and samples

● Fully Automatic Analyzer

- Primary tube sampling
- Automatic barcode identification
- Automatic dilution function
- Automatic rerun

● Smart & Accurate Machine System

- The carry-over is $\leq 0.5\text{ppm}$
- Constant 2-8°C reagent refrigeration
- Needle collision protection and block detection
- Liquid level detection
- Automatic switching of double substrate bottles during the operation

Specification

Methodology	Chemiluminescence Immunoassay (CLIA)
Dimension	900 mm * 710 mm * 590 mm
Weight	140 kg
Throughput	200 T/h
Time for first result	< 12 min
Reagent position	25
Reagent specification	25 or 50 T/Bottle
Reagent refrigeration	2-8°C on board refrigeration
Sample position	60
Sample volume	5-150 μL
Sample type	Whole blood / Serum / Plasma / Urine/ Cerebrospinal fluid
Test mode	Batch / STAT
Probe system	Liquid level detection / Block detection / Collision protection
Storage capacity	≥ 60000 results
Operation system	15.6 inch touch screen /Windows 10 / bidirectional LIS compatible
Dilution function	Support automatic dilution Fixed multiple dilution Exceeded linearity range remeasurement dilution

TEST MENU

● Available

🏠 Cardiac

- cTnT
- BNP
- MYO
- hs-cTnI
- Lp-PLA2
- CK-MB
- NT-proBNP
- ST2
- HCY

🩺 Thrombus

- TM
- TAT
- FDP
- PIC
- t-PAIC
- D-Dimer

🩸 Anemia

- Ferritin
- Folate
- VB12

🧬 Hypertension

- REN
- Cortisol
- A I
- A II
- ACTH
- ALD

👤 Autoimmune

- IgE
- ANA Screen
- Anti-CCP
- Anti-ds DNA
- IgA
- IgG
- IgM

● In Development

🏠 Fertility

- AMH
- β -HCG
- TESTO
- PROG
- E2
- PRL
- LH
- FSH
- InhB
- DHEA-S
- 17-OH P
- Free TESTO

🏠 Thyroid

- TSH
- FT3
- FT4
- TT3
- TT4
- Anti-TPO
- Anti-Tg
- Tg
- CT
- T-Uptake
- TBG
- TRAb
- TSAb
- rT3

🏠 TORCH

- TOXO IgG
- TOXO IgM
- Rubella IgG
- Rubella IgM
- CMV IgG
- CMV IgM
- HSV-1 IgG
- HSV-1 IgM
- HSV-2 IgG
- HSV-2 IgM

🏠 Tumor Markers

- CA50
- CA242
- CYFRA21-1
- SCCA
- HE4
- NSE
- CA72-4
- CEA
- CA15-3
- CA125
- CA19-9
- ProGRP
- AFP
- PIVKA-II
- FPSA
- TPSA

🏠 Pre-eclampsia

- PLGF
- sFit-1

🏠 Inflammation

- IL-6
- PCT
- SAA
- CRP

🏠 Growth hormone

- GH
- IGF-1
- IGFBP-3

🏠 Liver fibrosis

- HA
- CIV
- PIIIINP
- LN

🏠 Diabetes

- Insulin
- C-Peptide

🏠 Craniocerebral injury

- S100 β

🏠 Gastric function

- G-17
- PGI
- PGI_{II}
- H.pylori Ab

🏠 Kidney function

- NGAL

🏠 Bone metabolism

- 25-OH VD
- PTH
- Calcitonin

🏠 Infectious disease

- HBeAg
- Anti-HBe
- Anti-HBc
- HBsAg
- Anti-HBs
- Anti-TP
- HIV Ag/Ab
- Anti-HCV
- M. Pneumonia IgG
- M. Pneumonia IgM
- Chlamydia pn. IgG
- Chlamydia pn. IgM