

Immu F6

Automated Chemiluminescence Immunoassay Analyzer

Point-of-care analyzer exceeding laboratory quality standards

- Reliable results, CLIA, high sensitivity
- Cost-effective, no unnecessary waste, single-use cartridge
- Comprehensive solutions, multi-test parameters
- Easy to use, only 3-step operation with whole blood testing
- Fast, 13.5 min to first result
- Random access, continuously loading



Principle	Chemiluminescence Method (Acridinium Ester)
Sample Position	6
Reagent Position	12
Test Channel	6
Sample Type	Whole blood, Plasma and Serum
Anticoagulant Type	EDTA, Heparin
Blood Collection Tube Type	Φ13x75 mm, Φ13x100 mm, Φ16x75 mm, and Φ16x100 mm
Sample Volume	10-100 uL
Time to Result	Up to 6 tests per 15 minutes
Throughput	Up to 24 tests per hour
Sampling Function	Pressure monitoring and intelligent liquid level, bubble and needle plugging detection
Value-added Function	STAT mode, 24-hour stand-by, timing boot
Stability	±10%
Within Batch Repeatability	≤ 8%
Linear Dependence	≥0.99
Residual Contamination Rate	≤2*10 ⁻⁶
Temperature Control Accuracy	Preset value±0.3°C
Self-check	Power-on self-test
Calibration	RFID calibration and two-point calibration
Display	12.1-inch touchscreen
Printer	Internal thermal printer, external printer optional
Interface	4 USB, RJ-45, etc.
LIS/HIS Connection	Through HL7
Dimension	385*620*600 mm, 40 kg

Operation Condition	Temperature: 10-30°C Humidity: 30%-70% RH Atmospheric pressure: 61.6-106.0 kPa
Store and Shipping Condition	Temperature: -20-55°C Humidity: 10%-95% RH Atmospheric pressure: 22.0-107.4 kPa
Power Supply	AC 100-240 V, 50/60 Hz
Consumables	Single-use cartridge, single-use tip, general reagent kit (Contains Trigger Solution, Pre-trigger Solution and Washing Solution)
Storage	Trigger Solution: 2-30°C Washing Solution: 2-35°C Cartridge, Pre-trigger Solution: 2-8°C
Shelf-life	14-16 months

Comprehensive Test Menu

Cardiac Marker

hs-TnI
CK-MB
NT-proBNP
MYO
H-FABP
sST2
Lp-PLA2
BNP

Brain Injury

S100*
NSE*

Tumor Marker

PG I *
PG II *
G-17*
CA125
AFP
CA19-9
CA72-4
CA15-3
HER-2
CEA
tPSA*
fPSA*

Inflammation Marker

IL-6
CRP+hs-CRP
PCT
SAA
Anti-CCP
HBP*

Thyroid Function

TSH
TT4
FT4
TT3
FT3
TG
Anti-TG
Anti-TPO

Coagulation Marker

D-Dimer
FDP
TAT
TM
PIC
tPAI.C

Metabolism

25-OH VD
iPTH
hGH

Fertility & Hormones

β-HCG
PROG
AMH
FSH
LH
E2
TESTO
PRL

Anemia

Ferr
Folate
VB12

*Coming soon



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