

# Technical Specifications

Instrument type	Desktop Immunoassay Analyzer
Throughput	Up to 13 samples/parameters per run, different parameters can be tested at the same time
Measuring time	Fastest 10 minutes
Sampling material	Whole blood, plasma, serum
Measuring principle	AP system( Glow chemiluminescence)
Reaction temperature	37°C
Sample volume	Plasma or Serum 60ul, Whole blood 100ul
Data storage	100,000 including Patient data, QC data, CAL data
Data transfer	LIS, wifi, bluetooth
Weight	46kg
Size	579x520x485mm
Voltage requirements	100 - 240 V AC (50/60 Hz)
Power consumption	400VA
Monitor/keyboard	12 inch LCD touch-screen
Printer	Integrated
PC	Integrated
Barcodereader	Integrated
Interface	USB and Ethernet Port
Calibration	Factory calibration, 2-point calibration every 4 weeks

## CLIA80

Chemiluminescence Immunoassay System

Precise, Fast and Compact



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# CLIA80

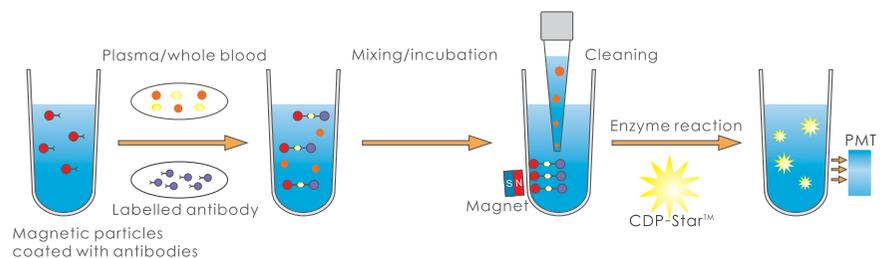
## Chemiluminescence Immunoassay System

Chemiluminescence Immunoassay System CLIA80 is a fully automated, user-friendly and fully quantitative immunoassay system. The easy operation makes it a good choice for clinical laboratories as well as point of care testing. Minimum 10 minutes measuring time and several markers could be analyzed simultaneously or separately, making it the optimum option for cardiovascular department, ICU, Diabetes treatment, Kidney disease department, Emergency department etc.

Independent test channels, Same/different parameters can be tested in parallel



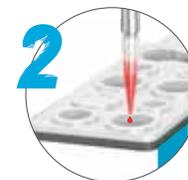
### Principle of Glow Reaction



### Operation workflow



Insert reagent cassette



Dispense sample



Hit "start" button

- The whole process is fully automated and can run non-stop for 24 hours.
- All reagent, buffer and rinse solution are contained in the reagent cassette, no fluidic connection or water source is necessary, no other consumables are needed.
- The instrument operation is simple. Lab technician and medical staff can operate with concise training, and no specific skill or certificate is needed.
- Zero fluidic tubing design makes the system much easier to maintain and minimize the failure rate.

### Test menu



#### Hormones

AMH FSH LH  
E2 P T  
PRL



#### Cardiac

MPO LPA-A2 CK-MB  
D-Dimer Troponin  
Myoglobin NT-proBNP



#### Critical Care

PCT  
HBP



#### Thyroid

TT3 TT4 TGA  
TMAb TPOAb TG  
s-TSH FT3 FT4



#### Tumor Marker

AFP CEA PSA FP  
CA15-3 CA-125 CA19-9  
β2-MG Ferritin EB-VCA