Automatic Chemiluminescence Immunoassay System



Chemiluminescence solutions

According to the needs of different customers, to provide one-stop solutions to customers reagent support services and raw material products.

Fast ———		Flexible
Up to 200 test/hour		Strong compatibility and extensibility
The fastest time to get the result is 15 minutes		Immune reagents that support all modes of response
Compact		convenient
The smallest in size		The human-computer interaction experience is smooth
Patented design technology with high integration and simplicity		All consumables can be added at any time
Comprehensive optimization of the spatial layout of each function		Touch screen at your fingertips, simple and lively operation interface
Stable		
The quality performance is stable and reliable		
Strictly screen all kinds of key devices		
Strictly test various influencing factors		
Instrument Performance Parameters		
General specifications		
Analysis of the principle	Magnetic particles as solid phase carrier, enzymatic chemiluminescence or direct chemiluminescence	
Test speed	200 T/H	
First result time	<15 minutes	

Reagent components

Reagent loading method

reagent tray

Reagent position

25

Refrigeration temperature of reagent

4~8°C

In - machine reagent evaporation prevention automatic sealing

Reagent mixing

Add Sample Size

magnetic bead reagent chamber can be

rotary mixing

100-10µl per component

Reagent type

Reagents in use state

Calibration mode

optional

Accessories and consumables

Reactor tube loading

silo, 500 reaction tubes

Waste container

capacity of 500 reaction tubes/box

Substrate

Optional

Waste liquid bucket

1 for collecting waste liquid of the whole machine

Buffer 10L/ bottle

The operating environment

Ambient temperature

15-30°C

Relative Humidity

%35-%80 non-concentrated

Altitude

- 400-2000 m

The sample components

Sample loading method

sample tray

Sample plate

10 samples/rack ×7 racks

Sample types

serum, plasma, urine

Sampling method

1 steel needle, used for adding samples and reagents

Add Sample Size

5-150µl

Sample integrity control

level, clot, and bubble detection

Sample tube

Carrying contamination

< 5 PPM

optional

Automatic dilution

1:2 ~ 1:80

39 code, 128 code, Coudebar code, cross 5/2 code

Bar code read

Reaction system

Reaction/Test

Incubator

≤ 400µl

90 rotation positions

37±0.3°C

Incubation time

Depends on test item

Reaction liquid mixing

Whirlpool oscillation mixing

General Specifications

Incubation temperature

Input voltage and frequency

240~220V, 50Hz; 115~110V, 60Hz;

Input power

2000VA

Size

1000(L)×670(W)×700(H)mm (including touch screen)

Physical specifications

Construction

Desktop

Weight

≤150 kg