

Time-resolved Fluorescence Immunoassay Analyzer

Product Description

iS01-P and iS01-B are immune analyzers based on the principle of time-resolved fluorescence detection, suitable for detecting samples from immunochromatography test strips. The instrument is easy to operate, portable, and has stable performance. It is widely used in clinical medical testing, food safety testing, animal disease testing, and other areas.

Product Features



iS01-P

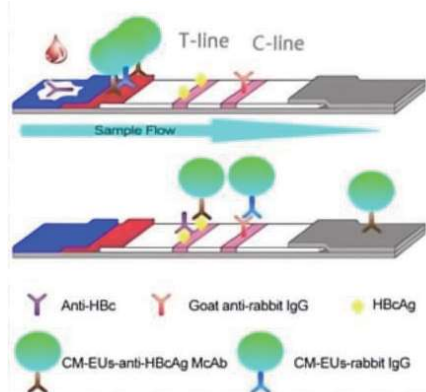
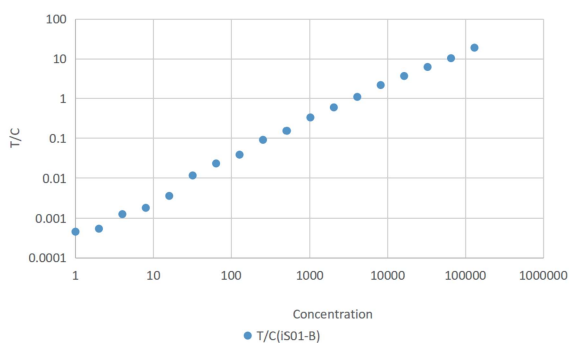
- » Handheld smart device, light and portable, easy to use at any time
- » Long standby time, battery powered
- » Time-resolved fluorescence technology, more accurate detection results
- » The instrument uses SiPMT detector, which has higher detection sensitivity
- » High-resolution 5-inch touch display
- » Built-in bar-code scanner, supports scanning of both one-dimensional and two-dimensional codes
- » Open platform, suitable for different testing items



iS01-B

- » Compact design, occupies a small tabletop area
- » Time-resolved fluorescence technology, more accurate detection results
- » Open platform, suitable for different testing items
- » 7-inch color touch screen, intuitive and easy to operate
- » Built-in thermal printer, which can print the test results immediately
- » Built-in bar-code scanner, supports scanning of both one-dimensional and two-dimensional codes
- » The instrument uses SiPMT detector, which has higher detection sensitivity
- » Suitable for emergency rapid detection, on-site detection and other application scenarios


» T/C ratio has a linear range up to 5 orders of magnitude



Specification

Performance	iS01-P	iS01-B
Product Type	Handheld	Desktop
Principle	Time-resolved fluorescence immunoassay	Time-resolved fluorescence immunoassay
Detection Channel	Single channel	Single channel
Detector	SiPMT	SiPMT
Light Source	LED	LED
Excitation Wavelength	365nm (customizable)	365nm (customizable)
Emission Wavelength	610nm (customizable)	610nm (customizable)
Dynamic Range	5 orders of magnitude	5 orders of magnitude
Stability	CV <1%	CV <1%
Test Speed	Single detection time < 10s	Single detection time < 10s
Reagent Card Barcode	1D/2D (customizable)	1D/2D (customizable)
Display	5-inch touch screen	7-inch touch screen
Interface language	Chinese and English, other languages can be expanded	Chinese and English, other languages can be expanded
Data Transmission	USB	USB
Barcode Scanner	Supported	Supported
Printer	N/A	Supported
Power	Lithium battery, 2500mAh	AC100-220V, 50/60Hz
Operating Mode	Stand-alone	Stand-alone
Dimension	180*92*40mm, 0.5Kg	280*270*170mm,2Kg
Operation Environment	10-35°C, < 80%	10-35°C, < 80%

Order Information

Cat No	Description	Remark
2002000	iS01-P Handheld TRF immunoassay analyzer	
2003000	iS01-B Desktop TRF immunoassay analyzer	