

Fluorescence Immuno Analyzer

DFR-100

Product Introduction

DFR-100 fluorescence immuno analyzer is suitable for the detection of fluorescence immunochromatography test strip samples. The collected fluorescent signal is converted into an electrical signal by the photoelectric sensor, so as to calculate the content or concentration of the sample to be tested. While inheriting the advantages of fast, concentrated and simple immunochromatography technology, time resolved fluorescence immunoassay also effectively improves the sensitivity and accuracy of detection.



Features

High-resolution 7-inch touch screen, Chinese and English interface, simple software design, simple and intuitive operation

Patented optical path design and multi-algorithm data fitting, combined with multiple quality controls, ensure the repeatability and accuracy

Ultra-fast detection speed, the whole card detection is less than 10 s

Built-in scan code function, easy to scan, the sample information is automatically transferred to the system

Built-in printer can output results report in real time

Equipped with large-capacity memory, a single machine can store 10,000 test results, and has the function of result query

According to customer needs, cooperate with customers to provide medical device registration materials

Expandable network port, 4G, WIFI, Bluetooth function, realize data network management

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Detection of human inflammation, tumor markers, diabetes, metabolism and other diseases



Screening and diagnosis of animal diseases such as thyroid function and various enzymes in dogs and cats

Application



Food safety testing of mycotoxins, heavy metal pollution, pesticide residues, etc.



2019-ncov can be diagnosed by a fluorescence immunoassay analyzer with specific detection kits

Model	DFR-100	Data storage	10000
Excitation wavelength	365 nm	Data interface	Standard: A-USB*2, B-USB Optional: Ethernet port, 4G, WIFI
Emission wavelength	613 nm	Printer	Built-in, thermal roll paper 57 mm
Detector	PD	Scan code function	Built-in
Excitation light source	LED	Standard curve import	ID chip card import
Detection speed	<10 s/card	Touch screen	7-inch capacitive screen
Repeatability	T/C ratio: >0.2 CV≤1 %; ≤0.2 CV≤2 %	Software system	Linux+QT
Stability	T/C ratio: >0.2 CV≤3 %; ≤0.2 CV≤5 %	Input power	AC100~240 V, 50~60 Hz
		Rated voltage	12 V, ≥2.5 A

Code	Product name	Model	Remark
AS-12050-00	Fluorescence immuno analyzer	DFR-100	Single card detection

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