



FLUORESCENCE IMMUNOASSAY ANALYZER BDL-12301

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Automatic dry fluorescence immunoassay analyzer can realize automatic detection function, automatic sample dilution, automatic identification of reagent items, unique track structure, large reagent card storage, support 30 (3*10) vacuum blood collection tubes directly on the machine, multiple items can be detected at the same time, to achieve automatic detection of the whole process, intelligent Windows operating system, easy and fast operation.



1. Original sampling tube available, no sample handling required, fully automatic detection
2. Support connection to LIS/HIS system, automatic transmission of results
3. Can detect 3 kinds of items at the same time, independent results in 3-15 minutes
4. It can be connected to an external computer, printer, scan code gun, can read ID cards, and has powerful information processing functions.

SPECIFICATIONS

Model	BDL-12301
Excitation Light Source	LED
Wavelength	Excitation wavelength $\lambda_0=365\text{nm}$; Detection wavelength $\lambda_1=615\text{nm}$
Detection Channel	1
Incubation Position	10
Sample Type	Serum, plasma, whole blood and urine, etc.
Detection Mode	Supports multiple items in one card
Repeatability	$CV \leq 5\%$
Stability	$\sigma \bar{x} \pm 8\%$
Linear Correlation	$(r) \geq 0.99$
Accuracy	$\Delta \bar{x} \pm 10\%$
Carrying Pollution Rate	$\leq 10^{-5}$
Pipetting Accuracy	Accuracy $\pm \leq 5\%$, Repeatability $CV \leq 5\%$ @ 20~100ul
Display	10.1-inch color touch screen
Language	Chinese, English, Other languages can be customized
Interface	RS232
Printer	Built-in thermal printer
Power Supply	100~240V, 50/60Hz
External Size(L*W*H)mm	550*585*535
Net Weight(kg)	57
Package Size(L*W*H)mm	630*760*600
Gross Weight(kg)	85
Alt Name	Fluorescence Immunoassay Analyzer

APPLICATIONS

It is suitable for clinical departments of medical institutions, emergency laboratories, and physical examination centers.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com