

FluoReady

Immunofluorescence Detection System



FluoReady is an independently designed and manufactured instrument of LifeReal for immuno fluorescence quantitative detecting. Working with the immunofluorescence detection kit, the system is suitable for clinical POCT (point of care testing) medical test, emergency treatment, clinical laboratory, ICU/CCU, clinical department and the community health care, even though the food safety detection fields, which is an ideal device for fast detection.

Through detecting the fluorescence, which can be excitation by the solid state laser, it can quantitatively detect very low concentration of immune markers.

Due to the special application, the system is to be customized for your reagents and chips. We can add the built-in barcode to bundle your kits with the system. With the software control, the machine can realize the IC card reading authentication and other DIY functions.

Features

- ▷ Digital results achieved quantitative detection.
- ▷ Real-time feedback makes results more accurate.
- ▷ By using the advanced solid-state laser technology to get stronger and more stable fluorescence.
- ▷ Using ultra-high cut-off rate of optical filters, cut-off depth \geq OD6.0.

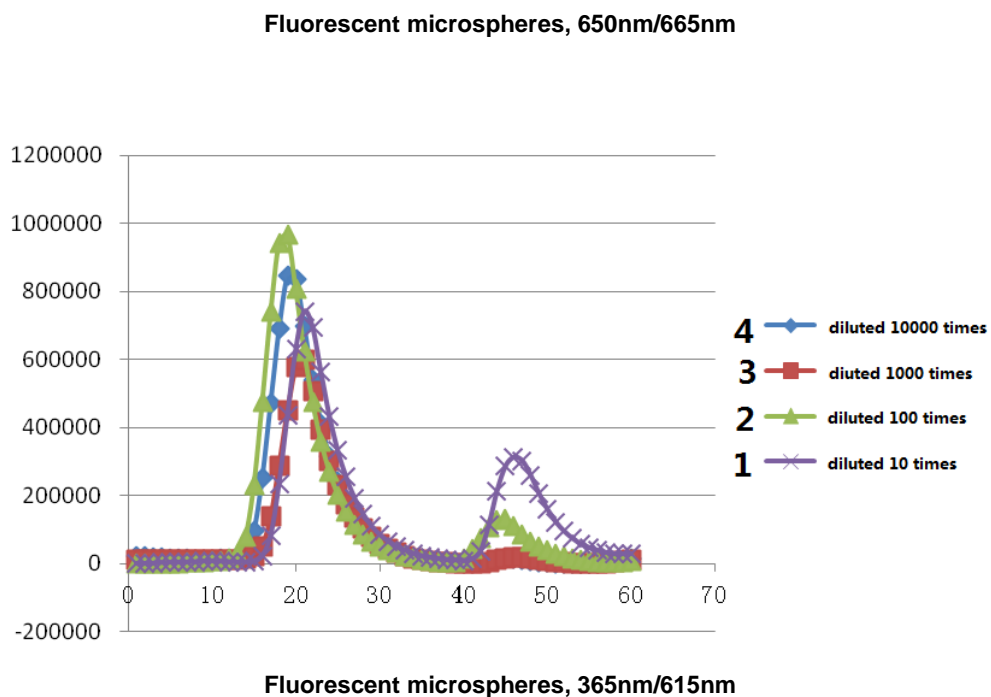
- ▷ **Display:** 5.7-inch, color LCD with touch screen.
- ▷ IC Card and barcode scanning capabilities can be loaded.
- ▷ **Quick Test:** Results obtained within 45 seconds after completing chromatograph.

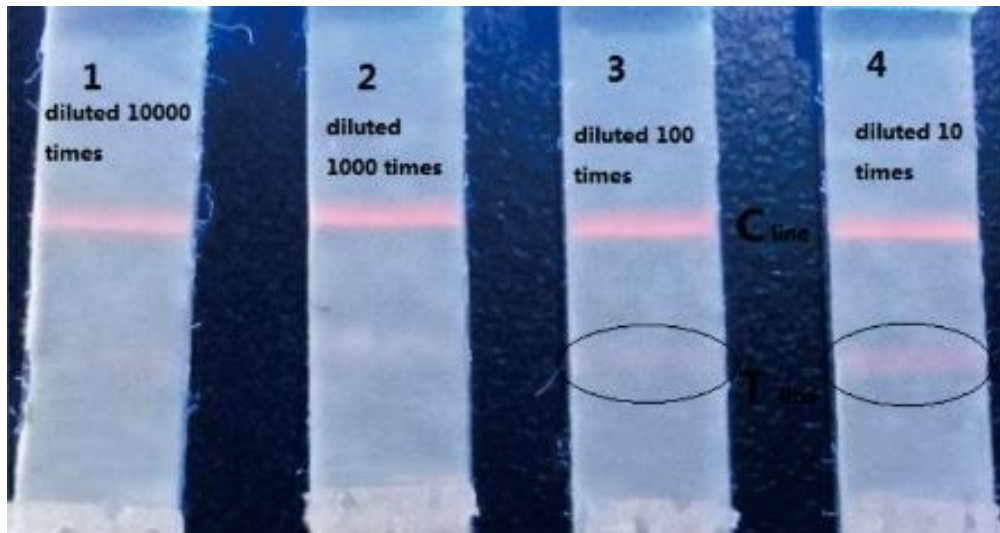
TEST Items

The system is used for various immuno-fluorescence kits, cards, CF647, ALEX647 fluorescent markers and so on.

Example

Urine sample detection tests (HCG antigen Fluorescence immunochromatographic kits).





Positive sample Diluted 10000	Positive sample Diluted 1000	Positive sample Diluted 100	Positive sample Diluted 10
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Specification

Name	Immunofluorescence Detection System
Display	5.7' LCD touch screen
Detection Time	45s
Detection sensitive	0.1 fmol (measured by CF647)
Storage	500 data
Excitation wavelength	620nm
Emission wavelength	670nm
Detected fluorescein	CF647/ALEX647
Detection width of sample	3-5mm
Detection length of sample	15mm
Connector	PC connectable with professional PC software with reading and analyzing function
Power supply	100-240V, 50/60HZ