

IDS-3045

Immunofluorescence Detection System



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Analytical Technologies Limited

An ISO 9001 Certified Company

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ATL is a professional instrument designed for immune fluorescence quantitative detecting. To working with different kinds of the immunofluorescence detection kits, 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 excited by the solid state laser, it can quantitatively detect very low concentration of immune markers.

Due to the special application use, the system is to be customized for your reagent 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 optional functions.

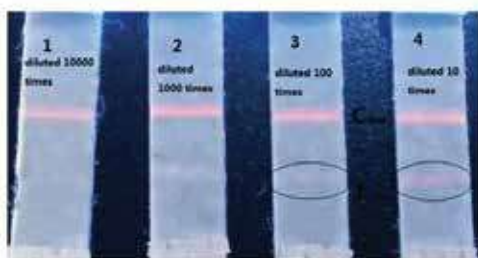


▶▶ TEST Items

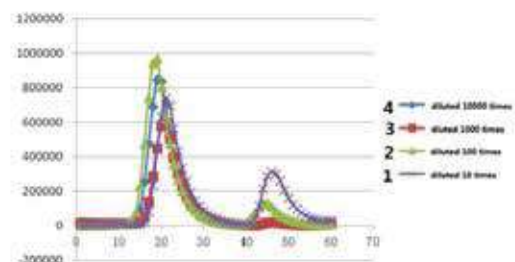
The system is used for various immuno-fluorescence kits, cards, CF647, ALEX647 fluorescent markers and so on. It can be customized based on the kits.

▶▶ 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



Fluorescent microspheres, 365nm/615nm

►► Features

- Quick Test: obtaining result within 45 seconds after completing chromatograph.
- Digital results achieved quantitative detection.
- Real-time feedback makes the results more accurate.
- By using the advanced said-state laser technology to get stronger and more stable fluorescence.
- Using ultra-high cut-off rate of optical filters.cut-off depth OD6.0.
- Display:5.7-inch.color LCD with touch screen.
- IC card and barcode scanning capabilities can be loaded.



►► Specifications

Model	LRF
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

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
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1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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