# FLUORESCENCE IMMUNOASSAY ANALYZERS

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It is an immunofluorescence detection system that works on the principle of photoelectric detection and uses fluorescein-labelled antibodies or antigens as tracers. Fluorescein absorbs the energy and generates excited molecules which further bind to antigen/ antibody molecules. Once it is combined fluorescence intensity is observed by the detector to determine the presence & content of antigens/ antibodies in samples.

Also known as Fluorescence Immunochromatographic Analyzing System.

## LTANA18-1 FLUORESCENCE IMMUNOASSAY ANALYZER

Original sampling tube available, no sample handling required, fully automatic detection

Support connection to LIS/HIS system, automatic transmission of results

Can detect 3 kinds of items at the same time, independent results in 3-15 minutes

It can be connected to an external computer, printer, scan code gun, can read ID cards and has powerful information processing functions

## SPECIFICATIONS

| Model | LTANA18-1 |
|---|---|
| Excitation Light Source | LED |
| Wavelength | Excitation Wavelength $\lambda o$ = 365 nm Detection Wavelength- $\lambda_1$ = 615 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≤ 5% |
| Stability | $\sigma \leq \pm 8\%$ |
| Linear Correlation | (r) ≥ 0.99 |
| Accuracy | $\triangle$ n≤±10% |
| Carrying Pollution Rate | ≤ 10^-5 |
| Pipetting Accuracy | Accuracy a ≤± 5%, Repeatability CV ≤ 5% @ 20~100 ul |
| Display | 10.1-inch color touch screen |
| Language | Chinese, English, Other languages can be customized |
| Interface | RS232 |
| Printer | Built-in thermal printer |
| Power Supply | 100-240 V 50/60 HZ |
| External Size(LxWxH) | 550x585x535 mm |
| Net Weight | 57 kg |
| Package Size(LxWxH) | 630x760x600 mm |
| Gross Weight | 85 kg |

**Labtare Analytical Instruments**

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