

► **Test Items:**

| Category | Test Item | Specimen Type | Sample Volume | Reaction Time | Measuring Range |
|------------------|-----------|---------------|---------------|---------------|-----------------|
| Diabetes | HbA1c | WB | 5μL | 15min | 3.0-14.0% |
| Inflammation | CRP | S/P/WB | 5μL | 3min | 0.5-200μg/mL |
| | PCT | S/P/WB | 100μL | 10min | 0.1-50ng/mL |
| | SAA | S/P/WB | 5μL | 15min | 2.0-300μg/mL |
| Cardiac | CK-MB | S/P/WB | 100μL | 10min | 2.0-80ng/mL |
| | cTnl | S/P/WB | 100μL | 10min | 0.05-40ng/mL |
| | Myo | S/P/WB | 100μL | 10min | 20-500ng/mL |
| | NT-proBNP | S/P/WB | 100μL | 15min | 50-25000pg/mL |
| | D-Dimer | P/WB | 100μL | 10min | 0.1-10μg/mL |
| | H-FABP | S/P/WB | 100μL | 15min | 1-120ng/mL |
| Hormone | T3 | S/P/WB | 100μL | 15min | 0.5-10nmol/L |
| | T4 | S/P/WB | 100μL | 10min | 10-350nmol/L |
| | TSH | S/P/WB | 100μL | 15min | 0.1-60μIU/mL |
| | 25-OH-VD | S/P | 100μL | 10min | 5-70ng/mL |
| | β-HCG | S/P/WB | 50μL | 15min | 2-20000mIU/mL |
| | LH | S/P/WB | 100μL | 15min | 5-200mIU/mL |
| | FSH | S/P/WB | 100μL | 10min | 1-150mIU/mL |
| | GH | S/P/WB | 100μL | 10min | 0.05-100ng/mL |
| | PRL | S/P/WB | 100μL | 10min | 1-100ng/mL |
| | AMH | S/P/WB | 100μL | 10min | 0.1-50ng/mL |
| Gastric Function | PGI | S/P/WB | 100μL | 10min | 10-60ng/mL |
| | PGII | S/P/WB | 100μL | 10min | 5-100ng/mL |
| | G-17 | S/P/WB | 100μL | 10min | 5-300ng/mL |
| Renal Function | NGAL | S/P/WB/Urine | 100μL | 10min | 50-5000ng/mL |
| | mAlb | Urine | 100μL | 5min | 10-200mg/L |
| | β2-MG | S/P/WB | 10μL | 10min | 0.5-20mg/L |
| | Cys-C | S/P/WB | 10μL | 5min | 0.5-10ng/L |
| Tumor | PSA | S/P/WB | 100μL | 10min | 0.1-100ng/mL |

New items are available soon!

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LS-1100

Dry Fluorescence Immunoassay Analyzer (Portable)



Quantitative

Rapid

Sensitive

Reliable



Accurate, Anytime and Anywhere

LS-1100 Dry Fluorescence Immunoassay Analyzer (Portable)

► Analyzer Introduction:

LS-1100 uses the advanced method of Time-resolved Fluorescence Immunoassay (TRFIA), for the in-vitro quantitative detection of bio-markers for Diabetes Mellitus, Inflammation, Cardiovascular Diseases, Hormone, Gastric Diseases, Renal Diseases, Tumor, etc.

Application: Laboratory, ER, Cardiology, ICU, Respiratory, Pediatrics, etc.

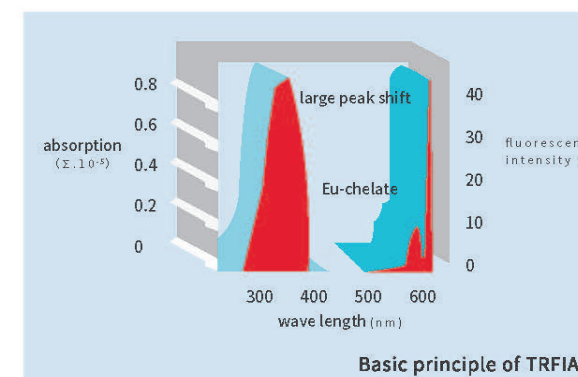
► Features:



“ **Quantitative, Rapid and High Sensitive
Reliable Result (QC system, QR code calibration)** ”

| | |
|----------------------|--|
| Method | Time-resolved Fluorescence Immunoassay (TRFIA) |
| Specimen | Serum/Plasma/Whole Blood/Urine |
| Weight | 1.3kg |
| Dimensions | 225mm × 152mm × 105mm (L×W×H) |
| Screen | 7 inch touch screen |
| Data Storage | ≥ 5000 |
| Printer | Built-in thermal printer |
| Battery | Built-in lithium battery (super standby time) |
| Communication | RS232(LIS/HIS), RJ45, USB, WIFI, Bluetooth |

► Time-resolved Fluorescence Immunoassay (TRFIA) Method:



TRFIA is super-sensitive detection technique characterized by specific fluorescence of rare earth ions. It is not only highly sensitive, but also overcomes the instability of enzyme marker and is the best choice for immunological detection. The high fluorescence intensity and long life of labeled ionic chelates are beneficial to eliminate the influence of fluorescent substances in samples and environment on the test results.

► Easy Operation:

