

STANDARD F 200

Flourescent Immunoassay Analyzer



STANDARD F200 provides LIS connectivity to connect the majority of existing information system in hospitals. It is suitable for hospital, clinic or small to medium size labs.

All the parameters can be randomly used with the STANDARD F Analyzer without any pre-procedure. The analyzer recognizes each parameter once the test device is inserted. It also displays graphical test procedure for the sample preparation.

| SPECIFICATION | F 200 |
|---------------|-------------------------------|
| Test Method | Flourescent Immunoassay (FIA) |
| Analysis | Quantitative/Qualitative Test |
| Test Capacity | 1 Test |
| Test Mode | Standard Test, Read Only |
| Power | AC/DC Adapter |
| Display | 7" Color LCD |
| Printer | Built-in |
| Connectivity | HL7 v2.6(PCD-01) / POCT1-A |
| Auto-ID | 2D Barcode |
| Dimensions | 200 x 240 x 205 mm |
| Weight | 2.5 kg |

EXCELLENT SENSITIVITY & SPECIFICITY WITH FLOURESCENT IMMUNOASSAY

- Proven lateral flow design enhanced with fluorescent immunoassay technology featuring Europium
- Specific antibodies selected to optimize performance in concert with fluorescence

OBJECTIVE TEST RESULTS

- Eliminate ambiguous test results as the analyzer interprets and determines the results

CUT OF INDEX (COI)

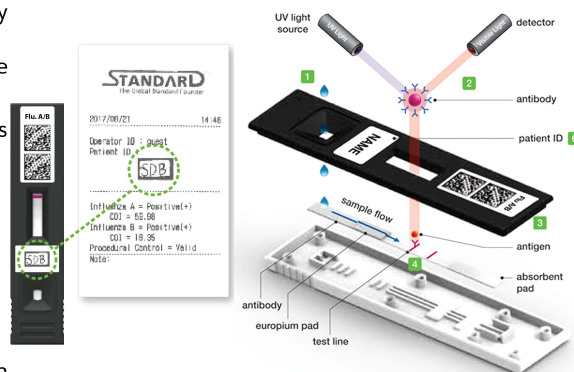
- Great reference value for medical decision-making

RAPID TEST RESULTS

- Provides accurate, objective and automated results

2D BARCODE TECHNOLOGY

- Auto coding procedure by recognizing 2D barcode
- Reduce time and errors associated with manually recording LOT specific information



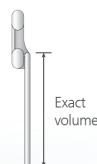
Overview of STANDARD F 200 Analyzer

Convenient Report
Built-in printer

User friendly interface
7" Color Touch Screen

Minimized Risk of Contamination
Keep the entrance shut unless the testing is in progress. The dust cover protects against contamination.

Accurate Result
Take an accurate collection with fixed volume dropper



Reliable result



Provides Calibration set and Control reagent having more confidence in the result.



Connectivity

- Direct LIS/HIS
- HL7 v2.6 (PCD-01)
- POCT1-A
- USB x 4 and Mini USB
- LAN and Additional device port

STANDARD F Analyzers are qualitative and quantitative fluorescent immunoassay systems and have been designed for easy and reliable measuring of diverse parameters. Rapid, highly accurate and reliable results help you to reduce uncertainty of treatment and make better decisions which improve the quality of patient care.

2022 SD BIOSENSOR Ordering Information

STANDARD F

» Analyzer

| Product | Pack size | Dimension (W/L/H) | Weight | Cat. no. |
|-------------------|-----------|-------------------|--------|----------|
| F2400 | Unit | 510 x 566 x 297mm | 20.0Kg | 10FA24 |
| F200 | Unit | 200 x 240 x 205mm | 2.5Kg | 10FA20 |
| d-BLOCK Incubator | Unit | 220 x 184 x 73mm | 1.9 kg | 12INC10 |

» Parameters

| Category | Product | Specimen | Specimen volume | Testing time | Pack size | Cat. no. |
|----------------------------|----------------------------|---------------------------|------------------------|--------------|------------|-----------|
| Qualitative assays | | | | | | |
| Respiratory Disease | COVID-19 Ag FIA | NP**swab | - | 15 mins | 25T | 10COV30D |
| | | Nasal swab | - | 15 mins | 25T | 10COV31D |
| | COVID-19 IgM/IgG Combo FIA | WB/S/P* | 10-20 µl | 15 mins | 25T | 10COV50G |
| | SARS-CoV-2 Variant nAb FIA | S/P* | 100 µl | 35 mins | 20T | 10COV120B |
| | SARS-CoV-2 Total nAb FIA | S/P* | 100 µl | 35 mins | 20T | 10COV120B |
| | COVID/Flu Ag Combo FIA | NP**swab | - | 15 mins | 25T | 10COV71D |
| | | Nasal swab | - | 15 mins | 25T | 10COV70D |
| | Influenza A/B FIA | NP** swab /wash /aspirate | - | 1.5-10 mins | 25T | 10INF20D |
| | RSV Ag FIA | NP** swab /wash /aspirate | - | 5-15 mins | 25T | 10RSV10D |
| | Strep A Ag FIA | Throat swab | - | 5 mins | 25T | 10STR10D |
| | Legionella Ag FIA | Urine | 100 µl | 5-15 mins | 25T | 10LEG10D |
| | S. pneumoniae Ag FIA | Urine, CSF | 100 µl | 5-10 mins | 25T | 10SPN10D |
| | Adeno Respi Ag FIA | NP**swab, Nasal swab | - | 15 mins | 25T | 10ADE10D |
| | TB-Feron FIA (IFN-gamma) | Plasma | 100 µl | 15 mins | 30 Devices | 10TBF10E |
| Vector Borne Disease | Dengue NS1 Ag FIA | WB/S/P* | 100 µl | 5-15 mins | 25T | 10DEN10D |
| | Dengue IgM/IgG FIA | WB/S/P* | 10 µl | 15 mins | 25T | 10DEN20D |
| | Zika Ag FIA | WB/S/P* | 100 µl | 5-15 mins | 25T | 10ZK10D |
| | Zika IgM FIA | WB/S/P* | 10 µl | 15 mins | 25T | 10ZK30D |
| | Chikungunya IgM/IgG FIA | WB/S/P* | 10 µl | 15 mins | 25T | 10CHI10D |
| | Tsutsugamushi IgM/IgG FIA | WB/S/P* | 10 µl | 15 mins | 25T | 10TSU10D |
| | Lyme IgM/IgG FIA | WB/S/P* | 10 µl | 15 mins | 25T | 10LYM10D |
| Gastrointestinal Disease | Norovirus Ag Plus FIA | Feces | 50-75 mg | 15 mins | 25T | 10NOR20D |
| | Rotavirus Ag | Feces | 40-70 mg | 15 mins | 25T | 09ROT10D |
| | Rota/Adeno Ag FIA | Feces | 50-75 mg | 20 mins | 25T | 10ROT10D |
| | Rota/Adeno Ag | Feces | 40-70 mg | 20 mins | 25T | 09ROT20D |
| | H. pylori Ag FIA | Feces | 40-70 mg | 10 mins | 25T | 10HPY10D |
| | C. difficile GDH FIA | Feces | 40-70 mg | 15 mins | 25T | 10CDG10D |
| | C. difficile Toxin A/B FIA | Feces | 40-70 mg | 15 mins | 25T | 10CDT10D |
| Hepatitis | Anti-HBs FIA | WB/S/P* | 100 µl | 15 mins | 25T | 10AHB10D |
| | HBsAg FIA | WB/S/P* | 100 µl | 20 mins | 25T | 10HBS10D |
| | HCV Ab FIA | WB/S/P* | 10 µl | 15 mins | 25T | 10HCV10D |
| | HAV IgM FIA | WB/S/P* | 10 µl | 15 mins | 10T | 10HAV10A |
| Blood Borne Disease | HIV Ag/Ab FIA | WB/S/P* | 100 µl | 15 mins | 25T | 10HIV20D |
| STI | Syphilis Ab FIA | WB/S/P* | WB: 20 µl, S/P: 10 µl | 15 mins | 25T | 10SYP10D |
| Quantitative assays | | | | | | |
| Chronic Disease | HbA1c | Whole blood | 5 µl | 3 mins | 20T | 10A1C10B |
| | U-Albumin FIA | Urine | 3 µl | 5 mins | 20T | 10UAL10B |
| Inflammation | PCT FIA (Serum) | Serum | 50 µl | 15 mins | 20T | 10PCT10B |
| | PCT FIA | WB/S/P* | 100 µl | 15 mins | 20T | 10PCT20B |
| | CRP | WB/S/P* | 5 µl | 3 mins | 20T | 10CRP10B |
| Cardiovascular Disease | Tnl Pro FIA | WB/S* | 100 µl | 10 mins | 20T | 10HST20B |
| | Tnl/CK-MB Combo FIA | WB/S* | 100 µl | 10 mins | 20T | 10TNI20B |
| | Tnl FIA | WB/S* | 100 µl | 10 mins | 20T | 10TNI10B |
| | CK-MB FIA | WB/S* | 100 µl | 10 mins | 20T | 10CKM10B |
| | D-dimer FIA | WB/P* | 10 µl | 7 mins | 20T | 10DDI10B |
| | hs-CRP | WB/S/P* | 5 µl | 3 mins | 20T | 10HSC10B |
| | NT-proBNP FIA | WB/S* | 100 µl | 15 mins | 20T | 10NTP10B |
| Hormone | Vitamin D FIA | S/P* | 35 µl | 45 mins | 20T | 10VIT10B |
| | β-hCG FIA | WB/S* | 50 µl | 15 mins | 20T | 10BHC10B |
| | LH FIA | WB/S/P* | 20 µl | 15 mins | 20T | 10LH10B |
| Thyroid function | TSH-II FIA | WB/S* | 35 µl | 15 mins | 20T | 10TSH20B |
| | TSH FIA | Serum | 100 µl | 15 mins | 20T | 10TSH10B |
| | ft4 | Serum | 50 µl | 15 mins | 20T | 10FT410B |
| | T4 | Serum | 50 µl | 15 mins | 20T | 10T410B |
| | T3 | Serum | 100ul | 25 mins | 20T | 10T310B |
| Tumor Marker | PSA FIA | WB/S/P* | WB: 20 µl, S/P: 100 µl | 10 mins | 20T | 10PSA10B |
| | iFOB FIA | Feces | 3 drops | 5 mins | 50T | 10IFO10C |

*WB : Whole Blood / S : Serum / P : Plasma, **NP : Nasopharyngeal