

SD BIOSENSOR POCT RANGE

Convenient, Fast & Reliable



STANDARD F® Series of Multiprofile Analyzers



Advantages



Immunofluorescence Assay

- Wide Stokes Shift
- Minimum Interference



Cost Effective:

- Automatic device check
- Auto calibration (2D barcode)



Storage Condition:

- RT: 2 ~ 30°C (36 ~ 86°F)
- Shelf-life: 18 months



Prompt Result:

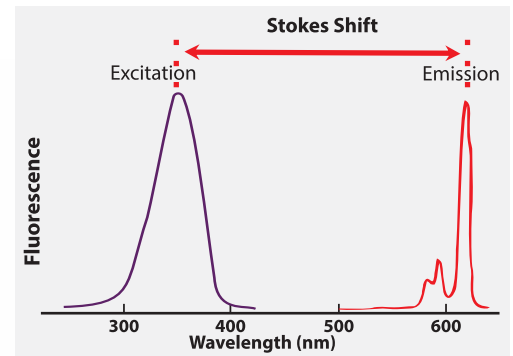
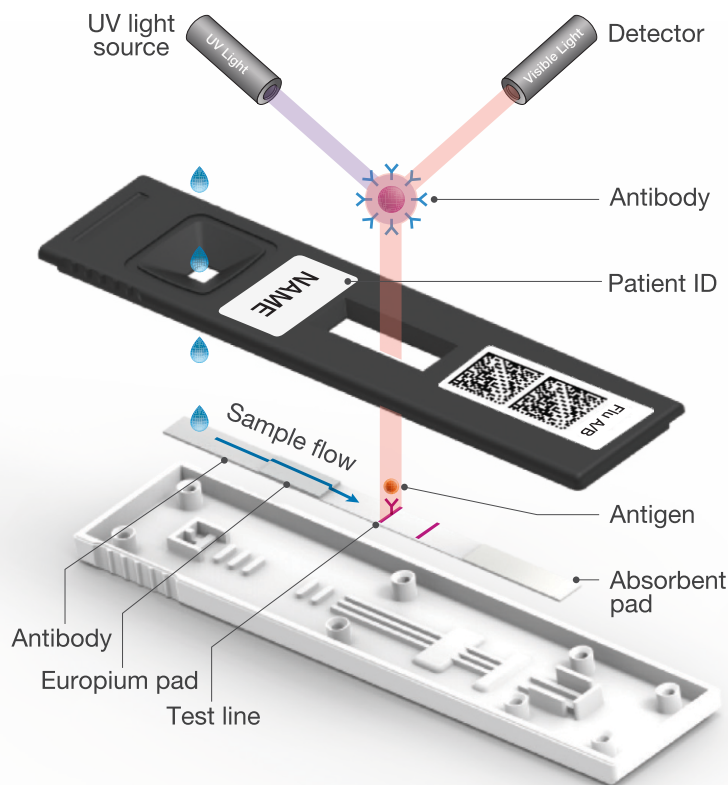
3-15 minutes

Specifications of Analyzers

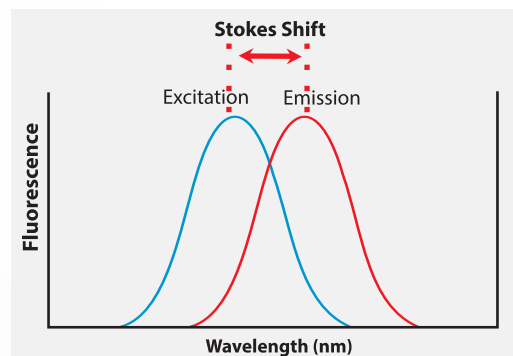
	F200	F2400
Key Advantage	Connectivity	High throughput
No's of test channels	1	24
Throughput	Standard Mode: 4 - 20 T/hr	Standard Mode: 70 T/hr
	*Read only mode: 60 T/hr	Read only mode: NA
Power	AC/DC Adapter	AC/DC Adapter
Display	7" colour touch screen	10" colour touch screen
Printer	Inbuild thermal printer	Inbuild thermal printer
Connectivity/Data Transfer	LIS/HIS	LIS/HIS
	USB	USB
Dimension	200 x 240 x 205 mm	510 x 566 x 297 mm
Weight	2.5 Kg	20 Kg

* Read only option is only available for Vector-borne and Respiratory markers

Superior Europium based Fluorescent Immunoassay (Eu FIA) Technology



Europium Based Fluorescence



Other Fluorescence

- Europium nanoparticles have a wide stoke shift than other fluorescent particles. Its excitation spectrum is at 333 nm and emission at 613 nm to prevent nonspecific fluorescence interference which provides higher sensitivity with high accuracy and has good correlation with RT PCR.

STANDARD F® Other Parameters

Quantitative Markers

Hormone

- Vitamin D
- TSH, TSH II
- T3, T4, fT4
- β -hCG
- LH, FSH
- PRL
- AMH

Diabetes

- HbA1c
- U-Albumin

TB

- TB-Feron IGRA*

Cardiovascular

- TnI
- TnI Pro
- CK-MB
- hs-CRP
- D-dimer
- NT-proBNP
- TnI/CK-MB Combo

Infection

- CRP
- PCT

Semi Quantitative Markers

Respiratory

- Covid-19 Ag
- S. pneumoniae Ag
- Strep A Ag
- RSV Ag
- Legionella Ag
- Influenza A/B Ag*

Gastrointestinal

- H.pylori Ag
- Rota virus Ag*
- iFOB

Vector-borne

- Dengue NS1 Ag
- Dengue IgM/IgG
- Chikungunya IgM/IgG
- Tsutsugamushi IgM/IgG

Blood-borne

- HIV Ag/Ab
- HBsAg
- HCV Ab

*Coming Soon

POCTs For Specific Requirements

STANDARD® LipidoCare

Method

Lipid: Photometric

Glucose: Electrochemical

7 Parameters in 1 Analyzer

- Lipid : Total cholesterol, Triglycerides, HDL. Calculated LDL, LDL/HDL, Non-HDL & Glucose: GLU

Various Blood Sample Types

Fingerstick or Venous [Heparin/EDTA] Whole blood, Serum and Plasma

Convenient Test Strip Storage

- Storage at Room Temperature 2-32°C (35-89°F)

Test Time: 3 minutes

Portable: Battery operated (4 AAA size)

Sample Volume: 35 µl

Memory: 500 results

Shelf life: 18 months



STANDARD® G6PD

Quantitative Point-of-Care G6PD test

- Measures G6PD & Total Hb simultaneously
- Distinguish Intermediate G6PD Deficiency
- Separate cut off for male and females

Specimen Type: Whole Blood (Capillary/EDTA Venous Whole Blood)

Convenient Storage Condition

- Store at room temperature (2-30°C/36-86°F)

Test Time: 2 minutes

Portable: Battery operated (4 AAA size)

Test range: G6PD: 0 - 20 U/g Hb

Total Hb: 4 - 25 g/dL

Sample Volume: 10 µl

Memory: 500 results

Shelf life: 18 months

