

Faster and More Accurate
POCT System

INCLIX F-100



Fast Assay Time

Convenient to Test

Highly Accurate Results

Compact Design

SUGENTECH 

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Faster and More Accurate POCT System

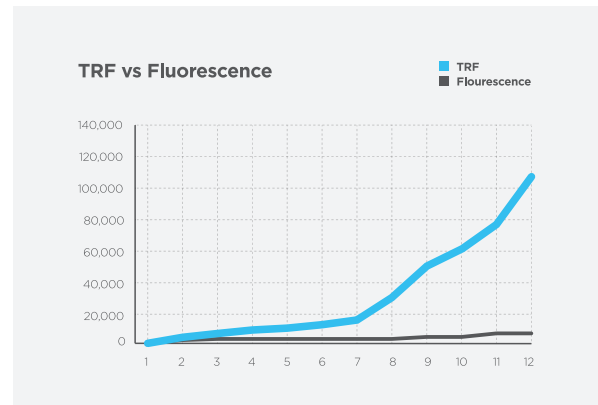
INCLIX F-100 is a Time-Resolved Fluorescence (TRF) immunoassay analyzer both for quantitative and qualitative measurement of various biomarkers, such as cardiovascular disease, infectious disease, cancer, diabetes, allergy, and etc. It provides Point-Of-Care Testing (POCT) at patient care settings or clinical laboratories with high accuracy and sensitivity.

TECHNICAL INFORMATION

The time-resolved fluorescence (TRF) technology reduces non-specific background noise and increases sensitivity when compared to steady-state fluorescence intensity detection. INCLIX F-100's intelligent algorithm was designed for precise quantitative analysis of target analytes.

The easy-to-use software helps you to manage test results, quality control, operators, and devices and supports communication to HIS/LIS for efficient data management.

- Time-Resolved Fluorescence (TRF) Technology
- High Performance and Reliable Results
- Unique and Accurate Analysis Algorithm
- Efficient Data Management System



KEY FEATURES



Highly Accurate Results in Minutes



Factory set calibration



HIS/LIS connection



Internal Quality Control

EASY TO USE

1. Sample Collection



2. Sample Loading



3. Analysis



4. Results

SPECIFICATIONS

Test method	Fluorescent immunoassay (FIA) / TRF(Time-Resolved Fluorescence)
Analysis	Quantitative / Qualitative
Data management	10,000 Patients
Test mode	Standard / Quick
Power	AC/DC Adapter, 12Vdc, 3.3A, 40W
Inner battery	Rechargeable Lithium-ion battery 5,200mAh
Display	5" Color LCD touch screen
I/O Interface	2 × USB 2.0
Printer	Built-in
Conectivity / Data export format	LIS / Excel, SAM, PDF files
Accessories	Mouse/Keyboard, USB to Ethernet module or WiFi dongle
Dimensions	117 x 250 x 118 mm (4.60 x 9.84 x 4.65 in.)
Weight	1.0 kg (35.3oz)

► INCLIX F-100 TEST PARAMETERS

Category	Item	Sample Type	Sample Volume	Measuring Time	Measuring Range	Catalog No.
Cardiovascular	hsCRP	WB(finger), Serum, Plasma	5 µL	3 min	0.1-10 mg/L	HCRF025E
	D-Dimer	WB, Plasma	50 µL	12 min	50-10,000 ng/mL	DIMF025E
Infection, Inflammation	CRP	WB(finger), Serum, Plasma	5 µL	5 min	0.5-200 mg/L	CRPF025E
	PCT	Serum, Plasma	80 µL	10 min	0.1-100 ng/mL	PCTF025E
Diabetes, Kidney	HbA1c	WB(finger)	5 µL	12 min	4-14%	HBAF025E
	µAlbumin	Urine	5 µL	10 min	2-300 mg/L	ACRF025E
Hormones	TSH	Serum, Plasma	40 µL	15 min	0.1-100 µIU/mL	TSHF025E
	T3	Serum, Plasma	100 µL	10 min	0.5-5.0 ng/mL	TRIF025E
	T4	Serum, Plasma	75 µL	10 min	0.5-20 ug/dL	TETF025E
	β-hCG	WB, Serum, Plasma	40 µL	15 min	S/P : 10-20,000 mIU/mL WB: 10-10,000 mIU/mL	BCGF025E
Respiratory	COVID-19 Ag	NP swab, Nasal swab		15 min	sensitivity 91.00%, specificity 100.00%	CAFF025E
	COVID & Flu A/B Combo	NP swab		15 min	COV : 91.00% / 100% FluA : 93.75% / 100% FluB : 92.50% / 100%	CFFF025E
	Adeno & RSV Combo	NP swab		15 min	under development	ADFF025E
Others	Total IgE	WB, Serum, Plasma	25 µL	12 min	5-2,000 IU/mL	IGEF025E

► LAUNCHING SOON

- fT4, β-hCG, Vitamin D in 3Q 2024
- Female Hormones
(Testosterone, Progesterone, Estradiol, FSH, LH, AMH, Prolactin, and etc.)



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