NP-101F

Fluorescence Immunoassay Analyzer

Fast, compact fluorescence immunoassay analysis with RFID-based test setup and high sensitivity.



>150 T/h

Throughput with optional incubator

28 min

Fast result positioning

7 inch

Touch screen

NP-101F

Instrument Specification

Specification	Value
Operation Environment	Ambient temperature: 10°C-30°C; Relative humidity: 30%-85%; Atmospheric pressure: 86 kPa~106 kPa
Display	7-inch touch screen
Throughput	>150T/h (with optional incubator)
Dimensions	263*240*122mm
Test Principle	FIA
Weight	3.5 kg
Power Supply	AC 100240-V, 50Hz/60Hz; 60VA
Sample Type	Whole blood, serum, plasma
Print	Built-in thermal printer

Fast

Results in 28 mins

Compact

Suitable for limited spaces

Easy to Use

Test set up by RFID card

High Sensitivity

hs-cTnI LoD: 0.02 ng/mL

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Test Menu

Category	Test item	Sample type / Volum	Reaction Time	Detection Range	Storage	Qualification
Inflammation	PCT	Serum, plasma, 60μL	8min+10s	0.05150.00-ng/mL	18	NMPA
Inflammation	IL-6		8min+10s	2.504000.00-pg/mL	18	NMPA
Inflammation	hs-CRP + conventional CRP	Serum, plasma, 60μL	2min+10s	0.50200.00-mg/L	18	NMPA
Inflammation	SAA	Serum, plasma, 60μL	2min+10s	5.00250.00-mg/L	18	NMPA
Inflammation	SAA/CRP Combo Test Kit	Serum, plasma, 60μL	2min+10s	SAA: 5.00250.00-mg/L; CRP: 0.50200.00-mg/L	18	NMPA
Inflammation	PCT/CRP Combo Test Kit	Serum, plasma, 60μL	8min+10s	PCT: 0.05100.00-ng/mL; CRP: 0.50200.00-mg/L	18	NMPA
Inflammation	HBP	Serum, plasma, 60μL	8min+10s	6.00 ng/mL-300.00ng/m	18	NMPA
Cardiac markers	CK-MB	Serum, plasma, 60μL	8min+10s	0.20300.00-ng/mL	18	NMPA
Cardiac markers	hs-cTnI	Serum, plasma, 60μL	8min+10s	0.0280.00-ng/mL	18	NMPA
Cardiac markers	D-Dimer	Serum, plasma, 60μL	8min+10s	0.01512.000-mg/L	18	NMPA
Cardiac markers	MYO	Serum, plasma, 60μL	8min+10s	7.802000.00-ng/mL	18	NMPA
Cardiac markers	BNP	Serum, plasma, 60μL	8min+10s	15.005000.00-pg/mL	18	NMPA
Cardiac markers	NT-proBNP	Serum, plasma, 60μL	8min+10s	3035000-pg/mL	18	NMPA
Cardiac markers	MPO	Serum, plasma, 60μL	8min+10s	1028000-pmol/L	18	
Cardiac markers	Lp-PLA2	Serum, plasma, 60μL	8min+10s	7.501000.00-ng/mL	18	
Cardiac markers	cTnI/CK-MB/MYO Combo Test Kit	Serum, plasma, 60μL	8min+10s	cTnI: 0.0280.00-ng/mL; CK-MB: 0.30300.00-ng/mL; MYO: 21.001000.00-ng/mL	18	NMPA
Cardiac markers	ST2	Serum, plasma, 60μL	8min+10s	5.00 ng/mL-200.00 ng/mL	18	NMPA

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Category	Test item	Sample type / Volum	Reaction Time	Detection Range	Storage	Qualification
Thyroid	T3	Serum, plasma, 80μL	10min+10s	0.406.00-ng/mL	24	
Thyroid	T4	Serum, plasma, 80μL	10min+10s	1.0025.00-ug/dL	24	
Thyroid	Thyroid	Serum, plasma, 80μL	10min+10s	0.2035.00-pg/mL	24	
Thyroid	fT3	Serum, plasma, 80μL	10min+10s	0.088.00-ng/dL	24	
Thyroid	fT4	Serum, plasma, 80μL	10min+10s	0.123-ng/mL	24	
Thyroid	TSH	Serum, plasma, 80μL	10min+10s	0.1100000-mIU/mL	24	
COVID 19	SARS-CoV-2 COVID-19 Neutralizing Antibody	Serum, plasma, 60μL	15min+10s	201500-BAU/mL	24	
Tumor markers	PGI/PGII Combo Test Kit	Serum, plasma, 60μL	8min+10s	PG: 1.00200.00-ng/mL; PG II: 0.50100.00-ng/mL	18	NMPA
Tumor markers	G17	Serum, plasma, 60μL	8min+10s	0.50100.00-pmol/L	18	
Tumor markers	AFP			0.5350.0-ng/mL	18	
Tumor markers	CEA	Serum, plasma, 60μL	8min+10s	0.5200-.Ong/mL	18	
Tumor markers	B2-MG			0.320-mg/L	18	
Diabetes	HbA1c	Serum, plasma, 60μL	8min+10s	(NGSP) 415- %	18	
Diabetes	Cys C	Serum, plasma, 60μL	8min+10s	0.17.5-mg/L	18	

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Fertility	AMH	Serum, plasma, 60μL	15min	16~0.1 ng/ml	18	NMPA
Fertility	B-HCG	Serum, plasma, 75μL	15min	200.000~2 mIU/mL	18	NMPA
Fertility	LH	Serum, plasma, 75μL	15min	100~1 mIU/mL	18	NMPA
Fertility	FSH	Serum, plasma, 75μL	15min	100~1 mIU/mL	18	
Fertility	Prog	Serum, plasma, 75μL	15min	60~1.5 ng/ml	18	NMPA
Fertility	PRL	Serum, plasma, 75μL	15min	200~1 ng/ml	18	NMPA
Fertility	E2	Serum, plasma, 75μL	15min	3000~9 pg/ml	18	NMPA
Fertility	Testosteron	Serum, plasma, 75μL	15min	15~0.2 ng/ml	18	NMPA
Others	S100-ß			0.05ng/mL-10.00ng/mL	18	NMPA
Others	Fer	Serum, plasma, 60μL	8min+10s	1.51,000-ng/mL	18	
Others	vitamin D			870-ng/mL	18	