

Test Menu

	Test Item	Sample Type	Sample Volume	Reaction Time	Measuring Range	Qualification
Diabetes	HbA1c	WB	10µL	10 mins	4%-14%	CE, NMPA, NGSP
	Insulin	WB/S/P	100 µl	10 mins	1-300 µU/mL	CE, NMPA*
Vitamin	25-OH Vit-D	S/P	100 µL	10 mins	5-100 ng/mL	CE, NMPA
Thyroid function	T3	WB/S/P	100 µL	10 mins	0.6-10 nmol/L	CE, NMPA
	T4	WB/S/P	100 µL	10 mins	20-320 nmol/L	CE, NMPA
	TSH	WB/S/P	100 µL	10 mins	0.1-100 mIU/L	CE, NMPA
	FT3	WB/S/P	100 µL	10 mins	0.4-50 pmol/L	CE, NMPA
	FT4	WB/S/P	100 µL	10 mins	1-100 pmol/L	CE, NMPA
Fertility	β-HCG	WB/S/P	100 µL	10 mins	2-100000 IU/L	CE, NMPA
	LH	WB/S/P	100 µL	10 mins	1-100 mIU/mL	CE, NMPA
	FSH	WB/S/P	100 µL	10 mins	1-100 mIU/mL	CE, NMPA
	PROG	WB/S/P	100 µL	10 mins	1.4-60 ng/mL	CE, NMPA
	TESTO	WB/S/P	100 µL	10 mins	0.2-15 ng/mL	CE, NMPA
	PRL	WB/S/P	100 µL	10 mins	1-200 ng/mL	CE, NMPA
	AMH	WB/S/P	100 µL	10 mins	0.1-16 ng/mL	CE, NMPA*
Hormone	E2	WB/S/P	100 µL	10 mins	9-3000 pg/mL	CE, NMPA
	Cortisol	WB/S/P	100 µL	10 mins	45-1000 nmol/L	CE, NMPA
Cardiac markers	CK-MB	WB/S/P	100 µL	10 mins	0.3-100 ng/mL	CE, NMPA
	NT-proBNP	WB/S/P	100 µL	10 mins	18-35000 pg/mL	CE, NMPA
	cTnl	WB/S/P	100 µL	10 mins	0.04-50 ng/mL	CE, NMPA
	Myo	WB/S/P	100 µL	10 mins	2-400 ng/mL	CE, NMPA
	hs-CRP	WB/S/P	10 µL	3 mins	0.5-200 mg/L	CE, NMPA
	BNP*	WB/P	100 µL	10 mins	5-5000 pg/mL	CE*, NMPA
	cTnT*	WB/S/P	100 µL	10 mins	0.03-10 ng/mL	CE, NMPA
	ST2*	WB/S/P	100 µL	10 mins	3.1-200 ng/mL	CE*, NMPA
	S100β*	WB/S/P	100 µL	10 mins	0.05-10 ng/mL	CE*, NMPA
	LP-PLA2*	WB/S/P	100 µL	10 mins	20-1000 ng/mL	CE*, NMPA
Coagulation	D-Dimer	WB/P	100 µL	10 mins	0.2-10 mg/L	CE, NMPA
	CRP	WB/S/P	10 µL	3 mins	0.5-150 mg/L	CE, NMPA
	PCT	WB/S/P	100 µL	10 mins	0.05-100 ng/mL	CE, NMPA
	IL-6	WB/S/P	100 µL	10 mins	3-4000 pg/mL	CE, NMPA
Inflammation	Total IgE	WB/S/P	100 µL	10 mins	0.75-2000 IU/mL	CE, NMPA*
	SAA/W-CRP*	WB/S/P	100 µL	5 mins	SAA:5.0-200 mg/L; W-CRP:0.5-150 mg/L	CE*, NMPA
	SAA*	WB/S/P	100 µL	5 mins	5.0-200 mg/L	CE, NMPA*
Tumor markers	AFP	WB/S/P	100 µL	10 mins	10-300 ng/mL	CE, NMPA*
	CEA	WB/S/P	100 µL	10 mins	2.5-400 ng/mL	CE, NMPA*
	PSA	WB/S/P	100 µL	10 mins	0.5-100 ng/mL	CE*, NMPA*
	fPSA	WB/S/P	100 µL	10 mins	0.2-30 ng/mL	CE*, NMPA*
	CA125	WB/S/P	100 µL	10 mins	2-2500 U/mL	CE, NMPA*
	CA19-9	WB/S/P	100 µL	10 mins	0.6-1000 U/mL	CE, NMPA*
	CA15-3	WB/S/P	100 µL	10 mins	5-300 U/mL	CE, NMPA*

Test Menu

	Test Item	Sample Type	Sample Volume	Reaction Time	Measuring Range	Qualification
Anemia	FER	WB/S/P	100 µL	10 mins	5-1500 ng/mL	CE, NMPA
	VB12*	WB/S/P	100µL	10 mins	100-2000 pg/mL	CE, NMPA*
	Folate*	S/P	100µL	10 mins	1-25 ng/mL	CE, NMPA*
Renal function	NGAL*	Urine	20 µL	10 mins	10-1500 ng/mL	CE, NMPA*
	β2-MG*	S/P/Urine	100 µL	10 mins	0.1-15 mg/L	CE, NMPA*
	MALB	Urine	100 µL	10 mins	5-500 mg/L	CE, NMPA*
	Cys-C*	Urine	20 µL	10 mins	0.1-10 mg/L	CE, NMPA*
Tropical infectious disease	Dengue NS 1	WB/S/P	100 µL	10 mins	Qualitative	CE, NMPA*
	Malaria Pf/Pv*	WB	100µL	10 mins	Qualitative	CE, NMPA*
Gastric	PG I/PG II*	WB/S/P	100 µL	10 mins	PG I: 10-160 ng/mL; PG II: 6.25-100 ng/mL	CE*, NMPA*
	H.P. Ag	Feces	/	10 mins	/	CE, NMPA*
Rheumatoid	Anti-CCP	WB/S/P	10 µL	10 mins	8-500 U/mL	CE, NMPA*
	RF	WB/S/P	10 µL	10 mins	10-650 IU/mL	CE, NMPA*
	ASO	WB/S/P	10 µL	10 mins	20-1000 IU/mL	CE, NMPA*

*Ongoing

Fingerstick Blood Reagents

	Test Item	Sample Type	Sample Volume	Reaction Time	Measuring Range	Qualification
Diabetes	HbA1c	WB/Fingerstick blood	10 µL	10 mins	4% - 14%	CE
Inflammation	CRP	WB/S/P/Fingerstick blood	10 µL	3 mins	0.5 - 150 mg/L	CE
Vitamin	25-OH Vit-D	WB/S/P/Fingerstick blood	10 µL	10 mins	5 - 100 ng/mL	CE
Anemia	FER	WB/S/P/Fingerstick blood	10 µL	10 mins	5 - 1500 ng/mL	CE
Hormone	Cortisol	WB/S/P/Fingerstick blood	20 µL	10 mins	45-1000 nmol/L	CE
Allergy	Total IgE	WB/S/P/Fingerstick blood	10 µL	10 mins	0.75-2000 IU/mL	CE

*Under development: PCT, TSH, FSH, β-HCG, cTnl, CK-MB, D-Dimer, HP-Ab

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FA 50

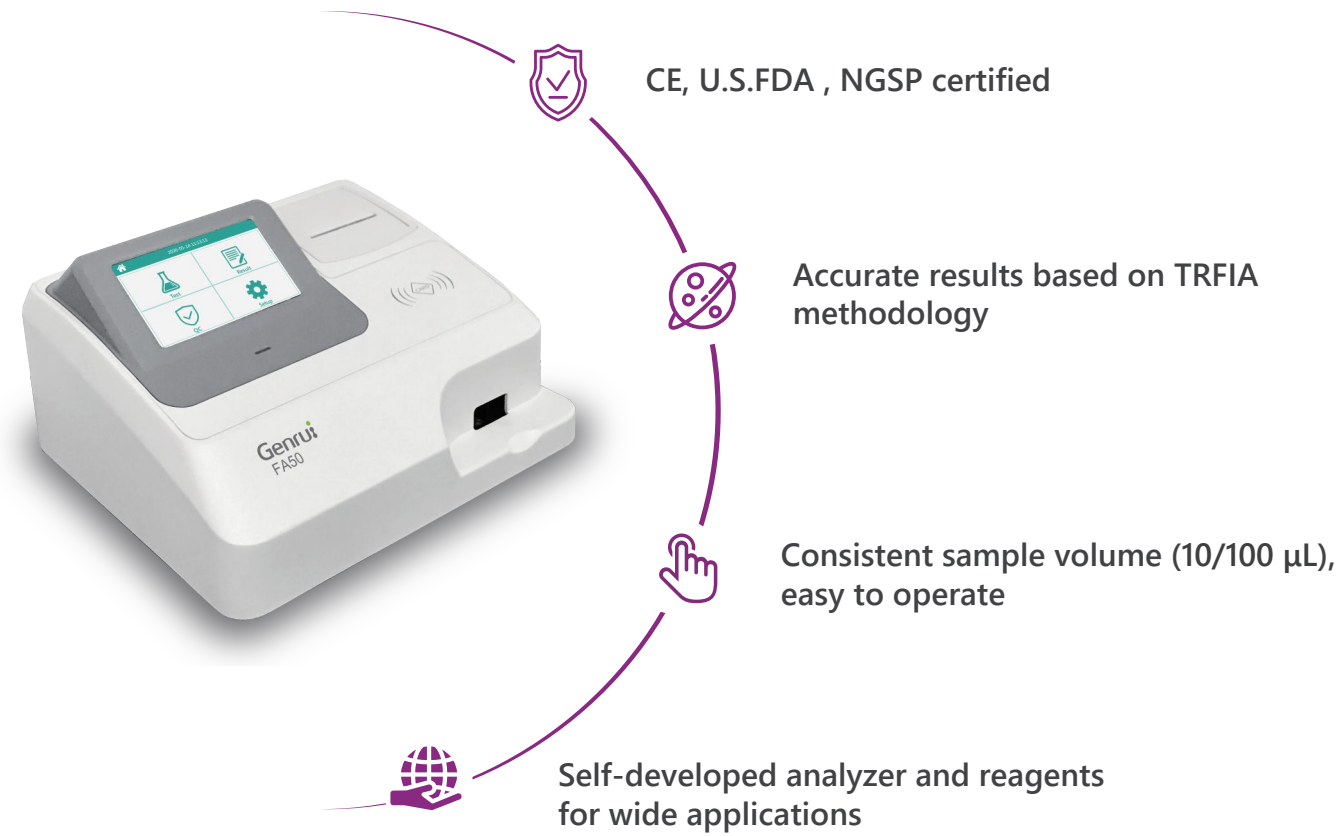
Quantitative Immunoassay Analyzer



EXCEEDING QUALITY AND MORE

Fluorescence Immunoassay System

Main Advantages of FA Platform

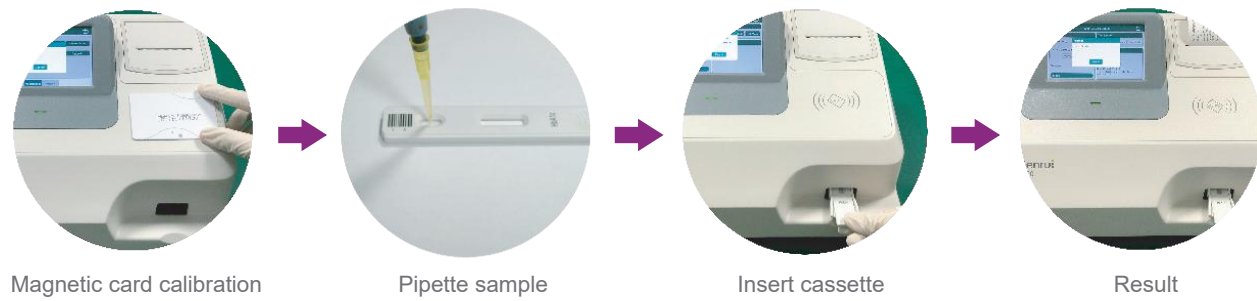


Incubator (optional)

Provides better temperature control for incubation >



Test procedure



Analyzer

Time-Resolved Fluorescence Immunoassay

Longer fluorescence lifetime
Larger Stokes shift
Higher fluorescence specificity



Intelligent Software

Internal timer for batch tests
Internal temperature monitor
> 11 languages available
2 test modes: standard & fast mode

Easy Operation

1 step easy calibration by reading card

Maintenance-free

Non-liquid system, zero maintenance

Powerful Functionality

2 USB ports, Ethernet, LIS connection
5-inch LCD touch screen on Linux system
L-J graph available
Built-in or external printer

Application



Laboratory



Clinics



Ambulance



ER



ICU&CCU



CCU



Outpatient Departments

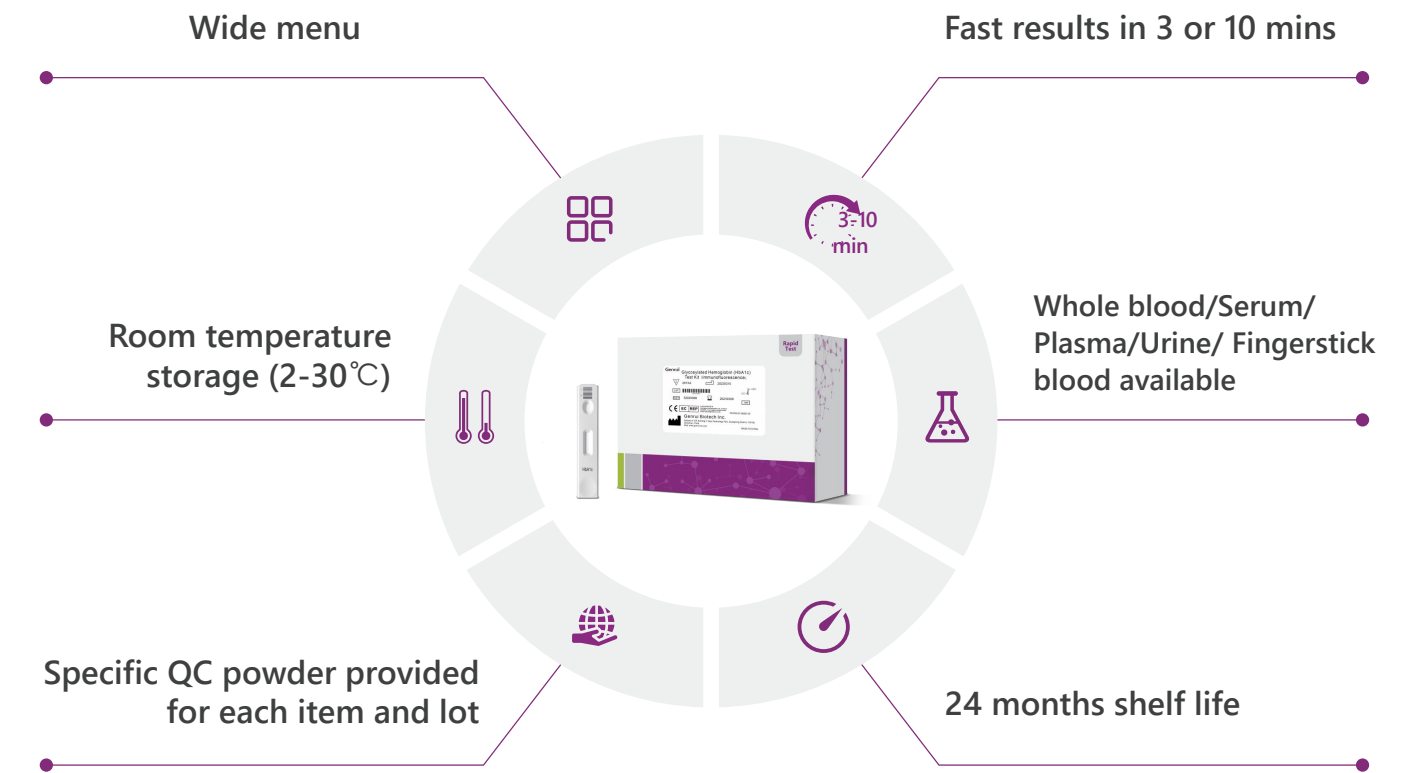


Endocrinology Department



Infection Control Center

Reagent



Overall Product Solution

FA20

Handheld Dry Fluorescence Immunoassay Analyzer



FA50

Quantitative Immunoassay Analyzer



FA30

Quantitative Immunoassay Analyzer

