

FiaGene 100

Fluorescence Immunoassay Analyzer



Fluorescence Immunoassay Analyzer

Next Gen FIA for Unrivalled Accuracy

- Real-time Testing and Auto-Printing
- Simple Operation with Barcode scanner
- Unique quick mode for large number of samples. Portable and Easy to operate.
- In-built Printer and support external printer also
- Comprehensive testing items
- Display - 7 inch high resolution touch screen
- Data Output - onboard screen / Printer / PC / LIS / HIS
- Suitable for whole blood, serum, plasma and urine
- Instant result within 3-15 minutes
- Wireless operation
- Built-in battery. Without power supply, it can work continuously for 8 hours
- Good correlation with CLIA method
- Data Storage - 8000 test result
- Dimensions(mm) - 269 x 130 x 137 mm
- Weight - 1.5Kg



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Category	Test Item	Sample Type	Liner Range	Reaction Time
Thyroid Function	T3	serum/plasma	0.5-10.0 nmol/L	15 min
	T4	serum/plasma	10-320 nmol/L	15 min
	TSH	serum/plasma/whole blood	0.1-100 μIU/mL	15 min
	FT3	serum/plasma	0.4-50 pmol/L	15 min
	FT4	serum/plasma	0.3-100 μIU/mL	15 min
Hormone	β -HCG	serum/plasma/whole blood	2-50000 mIU/mL	15 min
	LH	serum/plasma/whole blood	1 -200 mIU/mL	15 min
	FSH	serum/plasma/whole blood	1 -200 mIU/mL	15 min
	PRL	serum/plasma	1 -200 ng/mL	15 min
	Tes	serum/plasma/whole blood	0.1-16 ng/mL	15 min
	Prog	serum/plasma	1.0-60 ng/mL	15 min
	AMH	serum/plasma/whole blood	0.1-20 ng/mL	15 min
	E2	serum/plasma	10~3000 pg/mL	15 min
Cardiac Marker	cTnl	serum/plasma/whole blood	0.1-50 ng/mL	15 min
	cTnT	serum/plasma/whole blood	30-10000 pg/mL	15 min
	Myo	serum/plasma/whole blood	10-400 ng/mL	15 min
	CK-MB	serum/plasma/whole blood	1-100 ng/mL	15 min
	D-Dimer	plasma/whole blood	0.1-10 mg/L	15 min
	NT-proBNP	serum/plasma/whole blood	100-35000 pg/mL	15 min
	CK-MB/cTnl/Myo	serum/plasma/whole blood	CK-MB:1.0-100.0 ng/mL cTnl: 0.1-50 ng/mL Myo: 10-400 ng/mL	15 min
	sST2	serum/plasma/whole blood	5.0-400 ng/mL	15 min
Inflammation Detection	HsCRP+CRP	serum/plasma/whole blood	0.5-200 mg/L	3 min
	PCT	serum/plasma/whole blood	0.1-100 ng/mL	15 min
	SAA	serum/plasma/whole blood	3-200 mg/L	3 min
	IL-6	serum/plasma/whole blood	3-4000 pg/mL	15 min
	Anti-CCP	serum/plasma/whole blood	10-500 U/mL	15 min
	RF	serum/plasma/whole blood	10-160IU/mL	5 min
	ASO	serum/plasma/whole blood	20-500 U/mL	5 min
Others	Insulin	serum/plasma/whole blood	0.36-500 μU/mL	15 min
	HbA1c	whole blood	3%-15%	5 min
	25-OH-VD	serum/plasma	5-120 ng/mL	15 min
	Vb12	serum/plasma	100~2000.00 pg/mL	10 min
Renal Function	NGAL	Urine	10-1500 ng/mL	15 min
	MAU	Urine	5-200 mg/L	15 min
Digestive Function	G17	serum/plasma/whole blood	1.0-40 pmol/L	15 min
	PGI/PGII	serum/plasma/whole blood	PGI:2.0-200 ng/mL PGII:1.0-100 ng/mL	15 min
	Fecal Occult Blood	Fecal	0.05~20 g/mL	15 min
	Calprotein	Fecal	10~2000 ug/g	15 min
	Helicobacter Pylori Antigen	Fecal	/	15 min
	Helicobacter Pylori Antibody	serum/plasma/whole blood	/	15 min

Category	Test Item	Sample Type	Liner Range	Reaction Time
Tumor Marker	Ferritin	serum/plasma/whole blood	1-1000 ng/mL	15 min
	PSA	serum/plasma/whole blood	0.1-100 ng/mL	15 min
	CEA	serum/plasma/whole blood	1-500 ng/mL	15 min
	AFP	serum/plasma/whole blood	5-400 ng/mL	15 min
	CA125	serum/plasma/whole blood	2-600 U/mL	15 min
	CA153	serum/plasma/whole blood	3-500 U/mL	15 min
	CA199	serum/plasma/whole blood	1-700 U/mL	15 min
	f-PSA	serum/plasma/whole blood	0.1-60 ng/mL	15 min
Allergies	IgE	serum/plasma/whole blood	1.0~1000.0 IU/mL	15 min
Infectious	HCV	serum/plasma/whole blood	/	15 min
	HBsAg	serum/plasma/whole blood	/	15 min
	Malaria (P.F/P.V)	whole blood	/	15 min
	Malaria (P.F/Pan)	whole blood	/	15 min
	MALARIA Ag P.F	whole blood	/	15 min
	MALARIA Ag P.V	whole blood	/	15 min
	MALARIA Ag Pan	whole blood	/	15 min
	Dengue NS1 Ag	serum/plasma/whole blood	/	15 min
	Dengue IgM	serum/plasma/whole blood	/	15 min
	Dengue IgG	serum/plasma/whole blood	/	15 min
	Dengue IgG/IgM	serum/plasma/whole blood	/	15 min
	Respiratory syncytial virus	Nasal swabs/Throat swabs Saliva	/	15 min
	Influenza A&B	Nasal swabs/Throat swabs Saliva	/	15 min
	Influenza A	Nasal swabs/Throat swabs Saliva	/	15 min
	Influenza B	Nasal swabs/Throat swabs Saliva	/	15 min
COVID-19	COVID19 NAb	serum/plasma/whole blood	0-100%	15 min
	COVID19 Ag	Nasal swabs/Throat swabs Saliva	/	15 min
	COVID19 IgM/IgG	serum/plasma/whole blood	/	15 min
Drug Abuse	CAF	hair	1-50ng/mg	5 min
	THC	hair	0.1-10ng/mg	5 min
	MCAT	hair	0.1-10ng/mg	5 min
	MET	hair	0.1-10ng/mg	5 min
	TRA	hair	0.1-10ng/mg	5 min
	MOP	hair	0.1-10ng/mg	5 min
	KET	hair	0.1-10ng/mg	5 min
	K2	hair	0.1-10ng/mg	5 min
	MDMA	hair	0.1-10ng/mg	5 min
	MET-MOP	hair	MET: 0.1-10ng/mg, MOP: 0.1-10ng/mg	5 min
	COC-MDMA-THC	hair	COC: 0.1-10ng/mg, MDMA: 0.1-10ng/mg THC:0.02-10ng/mg	5 min
	MET-MOP-KET	hair	MET: 0.1-10ng/mg, MOP: 0.1-10ng/mg KET:0.1-10ng/mg	5 min

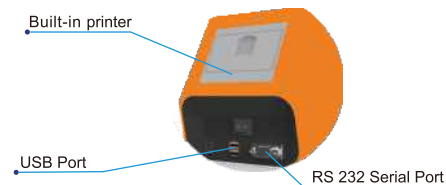
Multi-channel >>>

- 10-channel independent operation
- Support random selection of channels to detect different items

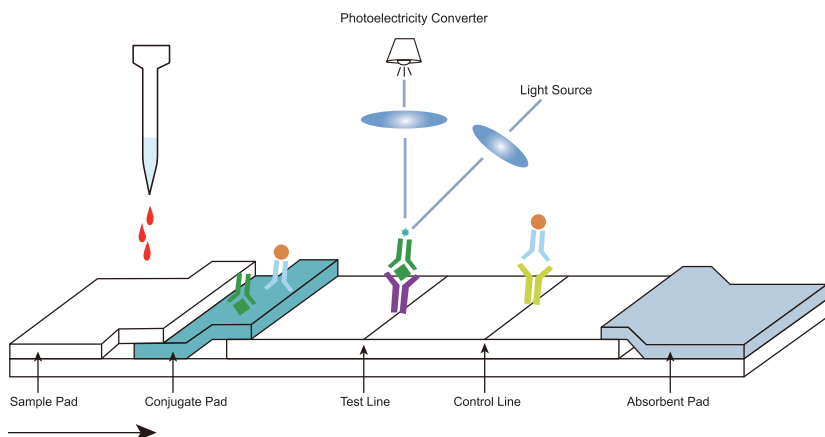


<<< More Convenient Data Transfer

- Real-time auto-printing
- Support external printers to print reports
- Direct connection to LIS/HIS
- Supports USB Disk to upgrade software, export data, and save page screenshots



Principle of FiaGene - Fluorescence Immunoassay Quantitative Test



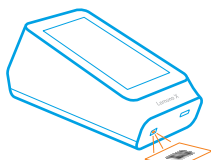
FiaGene100 uses an LED as the excitation light source. The emitted light from the fluorescence dye is collected and converted into electrical signal. The signals are closely related to the amount of fluorescence in dye molecules present on the spot under examination.

The test cassette holder will appear through the opening on the front surface of the equipment and we use FiaGene Fluorescence Immunoassay Quantitative Test.

Testing Process >>>



Turn on the power



Scan QR Code



Reagent cassette detection



Print the result

<<< Application scenarios



Outdoor Drug Testing Station



ED (Emergency Department)



Clinical Lab



ICU



Ambulance



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