Category	Test Item	Sample Type	Liner Range	Reaction Time	Certificate
Thyroid Function	T3	serum/plasma	0.5-10.0 nmol/L	15 min	CE
	T4	serum/plasma	10-320 nmol/L	15 min	CE
	TSH	serum/plasma/whole blood	0.1-100 μIU/mL	15 min	CE
	FT3	serum/plasma	0.4-50 pmol/L	15 min	CE
	FT4	serum/plasma	0.3-100 μIU/mL	15 min	CE
Hormone	β -HCG	serum/plasma/whole blood	2-50000 mIU/mL	15 min	CE
	LH	serum/plasma/whole blood	1 -200 mIU/mL	15 min	CE
	FSH	serum/plasma/whole blood	1 -200 mIU/mL	15 min	CE
	PRL	serum/plasma	1 -200 ng/mL	15 min	CE
	Tes	serum/plasma/whole blood	0.1-16 ng/mL	15 min	CE
	Prog	serum/plasma	1.0-60 ng/mL	15 min	CE
	AMH	serum/plasma/whole blood	0.1-20 ng/mL	15 min	CE
	E2	serum/plasma	10~3000 pg/mL	15 min	CE
Cardiac Marker	cTnI	serum/plasma/whole blood	0.0-50 ng/mL	15 min	CE
	Hs-cTnI	serum/plasma/whole blood	0.01~20.00 ng/mL	15 min	/
	cTnT	serum/plasma/whole blood	30-10000 pg/mL	15 min	CE
	Myo	serum/plasma/whole blood	10-400 ng/mL	15 min	CE
	CK-MB	serum/plasma/whole blood	1-100 ng/mL	15 min	CE
	D-Dimer	plasma/whole blood	0.1-10 mg/L	15 min	CE
	NT-proBNP	serum/plasma/whole blood	100-35000 pg/mL	15 min	CE
	CK-MB/cTnI/Myo	serum/plasma/whole blood	CK-MB:1.0-100.0 ng/mL cTnI: 0.04-50 ng/mL Myo: 10-400 ng/mL	15 min	CE
	sST2	serum/plasma/whole blood	5.0-400 ng/mL	15 min	CE
Inflammation Detection	HsCRP+CRP	serum/plasma/whole blood	0.5-200 mg/L	3 min	CE
	PCT	serum/plasma/whole blood	0.1-100 ng/mL	15 min	CE
	SAA	serum/plasma/whole blood	3-200 mg/L	3 min	CE
	IL-6	serum/plasma/whole blood	3-4000 pg/mL	15 min	CE
	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	CE
	25-OH-VD	serum/plasma	5-120 ng/mL	15 min	CE
Renal Function	NGAL	Urine	10-1500 ng/mL	15 min	CE
	MAU	Urine	5-200 mg/L	15 min	CE
Digestive Function	G17	serum/plasma/whole blood	1.0-40 pmol/L	15 min	CE
	PGI/PGII	serum/plasma/whole blood	PGI:2.0-200 ng/mL PGII:1.0-100 ng/mL	15 min	CE
	Fecal Occult Blood	Fecal	0.05~20 g/mL	15 min	CE
	Calprotectin	Fecal	10~2000 ug/g	15 min	CE
	Helicobacter Pylori Antigen	Fecal	/	15 min	/
Tumor Marker	PSA	serum/plasma/whole blood	0.1-100 ng/mL	15 min	/

Category	Test Item	Sample Type	Liner Range	Reaction Time	Certificate
Tumor Marker	CEA	serum/plasma/whole blood	1-500 ng/mL	15 min	CE
	AFP	serum/plasma/whole blood	5-400 ng/mL	15 min	CE
	CA125	serum/plasma/whole blood	2-600 U/mL	15 min	CE
	CA153	serum/plasma/whole blood	3-500 U/mL	15 min	CE
	CA199	serum/plasma/whole blood	1-700 U/mL	15 min	CE
	f-PSA	serum/plasma/whole blood	0.1-60 ng/mL	15 min	/
Anemia	Ferritin	serum/plasma/whole blood	1-1000ng/mL	15 min	CE
	VB12	serum/plasma	100-2000pg/mL	10 min	/
	FA	serum/plasma	1-20ng/mL	15 min	CE
Allergies	IgE	serum/plasma/whole blood	1.0~1000.0 IU/mL	15 min	CE
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	CE
	Influenza A	Nasal swabs/Throat swabs Saliva	/	15 min	CE
	Influenza B	Nasal swabs/Throat swabs Saliva	/	15 min	CE
	HIV	serum/plasma/whole blood.	/	15 min	/
COVID-19	COVID19 NAb	serum/plasma/whole blood	0-100%	15 min	CE
	COVID19 Ag	Nasal swabs/Throat swabs Saliva	/	15 min	CE
	COVID19 IgM/IgG	serum/plasma/whole blood	/	15 min	CE
Drug Abuse	CAF	hair	1-50ng/mg	5 min	CE
	THC	hair	0.1-10ng/mg	5 min	CE
	MCAT	hair	0.1-10ng/mg	5 min	CE
	MET	hair	0.1-10ng/mg	5 min	CE
	TRA	hair	0.1-10ng/mg	5 min	CE
	MOP	hair	0.1-10ng/mg	5 min	CE
	KET	hair	0.1-10ng/mg	5 min	CE
	K2	hair	0.1-10ng/mg	5 min	CE
	MDMA	hair	0.1-10ng/mg	5 min	CE
	MET-MOP	hair	MET: 0.1-10ng/mg, MOP: 0.1-10ng/mg	5 min	CE
	COC-MDMA-THC	hair	COC: 0.1-10ng/mg, MDMA: 0.1-10ng/mg THC:0.02-10ng/mg	5 min	CE
	MET-MOP-KET	hair	MET: 0.1-10ng/mg, MOP: 0.1-10ng/mg KET:0.1-10ng/mg	5 min	CE

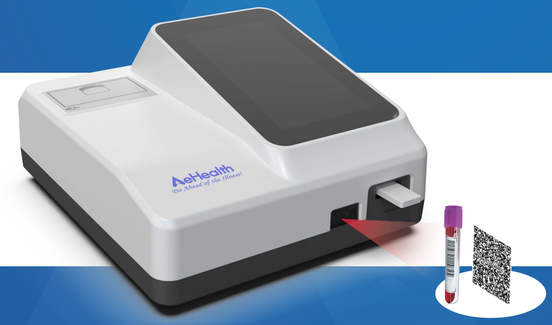
AeHealth®
Do Ahead of the Illness!

CE ISO 13485

Lamuno I

Fluorescence Immunoassay Analyzer

10 Channels Operation



Designed by "reddot" award winner team
"Red-Star" award winner team

AeHealth®
Do Ahead of the Illness!

Lamuno I

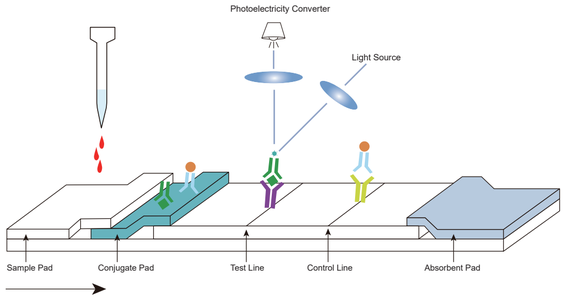
Principle

Lamuno I uses an LED as the excitation light source. The emitted light from the fluorescence dye is collected an converted into electrical signal. The signals are closely related to the amount of fluoresce in dye molecules present on the spot under examination. After a test sample is applied to the test cassette, the test cassette is inserted into Lamuno I and the concentration of the analyte is calculated by a pre-programmed calibration process.

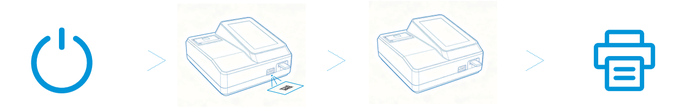
Lamuno I can only accept test cassettes that are designed specifically for this equipment.

Lamuno I is equipped with a built-in test cassette Holder.

The test cassette holder will appear through the opening on the front surface of the equipment.



Testing Process



Turn on the power > Scan QR Code > Reagent cassette detection > Print the result

Easy to Use

- **7**-inch HD touch screen
- All in one Screen, Ease of Access



Multi-channel

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



Cartridge Tray

- More than **80** test items
- Barcode recognition test items
- Support Quick test and Timing test modes



Scan identification information

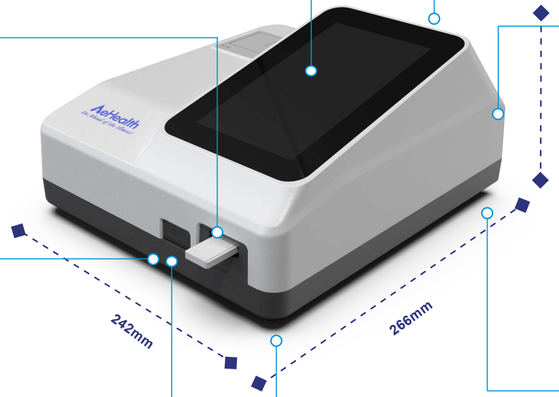
- Support wireless upgrade
- Scan barcode to load sample information



- Scan the QR code to load reagent calibration curve information

Specification

- Dimensions: 266*242*150mm
- Weight: 2 Kg



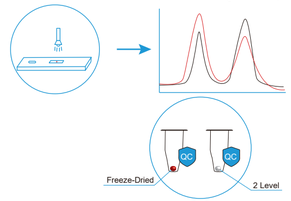
More Convenient Data Transfer

- 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
- Store **50,000** data



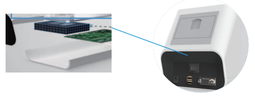
High Accuracy

- Time-resolved fluorescence based on labeling of rare earth europium ions
- Quality controls specifically for the Lamuno series to monitor reagent stability
- Good correlation with CLIA method
- Quality control products were transported and stored at room temperature
- Third-party quality control recommendations (Contains target value)



Easy to carry

- Built-in battery: Without power supply, it can work continuously for **8** hours



Application scenarios



Outdoor Drug Testing Station | ED (Emergency Department) | Clinical Lab | ICU | Ambulance

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