

Technical Specifications

Method	Time-Resolved Fluorescence Immunoassay (TRFIA)
Specimen	Serum/Plasma / Whole Blood
Weight	1.3 kg
Dimensions	225mm×152mm×105mm (L×W×H)
Screen	7 inch touch screen
Data Storage	10000 Nos.
Printer	Built-in thermal printer
Battery	Built-in lithium battery (standby time: 6 hrs)
Power Source	AC100V – 240V AC, 50-60Hz, 60VA
Communication	RS232 (LIS/HIS), USB

► Test Items:

Pack Size - 25 Tests

Category	Test Item	Specimen Type	Sample Volume	Reaction Time	Measuring Range
Cardiac	cTnI	S	100µl	10min	0.05-40ng/mL
	cTnI/CK-MB/Myo	S	100µl	10min	cTnI:0.05-40ng/mL CK-MB:0.2-80ng/mL Myo:20-500ng/mL
	NT-proBNP	S	100µl	15min	50-25000pg/mL
	D-Dimer	P	100µl	10min	0.1-10 µg/mL
Thyroid	T3	S	100µl	15min	0.5-10nmol/mL
	T4	S	100µl	10min	10-350nmol/mL
	TSH	S	100µl	15min	0.1-60µ IU/mL
Bone Metabolism	25OH-VIT-D	S	5µl	10min	5.0-70ng/mL
Tumor Marker	PSA	S	100µl	10min	0.1-100ng/mL
Fertility	β-HCG	S	100µl	15min	2.0-20000mIU/mL
	AMH	S	100µl	10min	0.1-50ng/mL
	LH	S	100µl	10min	1.02-200mIU/mL
	FSH	S	100µl	10min	1-200mIU/mL
	PRL	S	100µl	15min	200-4000µ IU/mL
	Progesterone	S	100µl	10min	0.8-50ng/mL
Inflammation	PCT	S	100µl	10min	0.1-50ng/mL
	IL-6	S	100µl	15min	5-2000pg/mL
Iron Metabolism	Ferritin	S	5µl	15min	10-1000 ng/ml

S* stands for Serum and P* stands for Plasma

ISO 9001 : 2015
EN ISO 13485 : 2016



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Inflammation | Bone Metabolism



MISPA REVO^{Plus}

Dry Fluorescence Immunoassay Analyzer

(Time Resolved Fluorescence Immunoassay method - TRFIA)

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ADL/BR/REVO+/R03-08/24 Company reserves the right to change any design and technical features of the product at any time, if needed.

MISPA REVO^{Plus}

Dry Fluorescence Immunoassay Analyzer

Mispa Revo Plus uses the advanced method of Time-Resolved Fluorescence Immunoassay (TRFIA), for the in-vitro quantitative detection of bio-markers for cardiovascular diseases, fertility hormones, thyroid function, bone metabolism, inflammation and other diseases.



Sample Type
Serum/Plasma



Test Cards
with 15 Months
Stability



Battery and
AC Operated



Built-In
Printer



Secure QR Code
Calibration



LIS/HIS
Compatible

ACCURATE RESULTS
ANYTIME & ANYWHERE

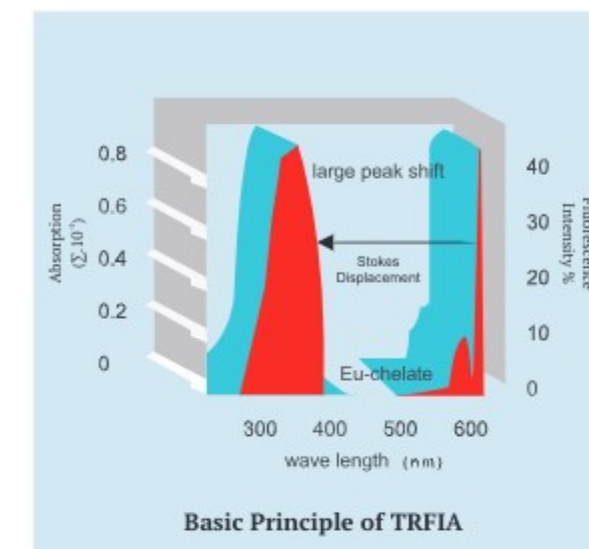
MISPA REVO^{Plus}

Dry Fluorescence Immunoassay Analyzer

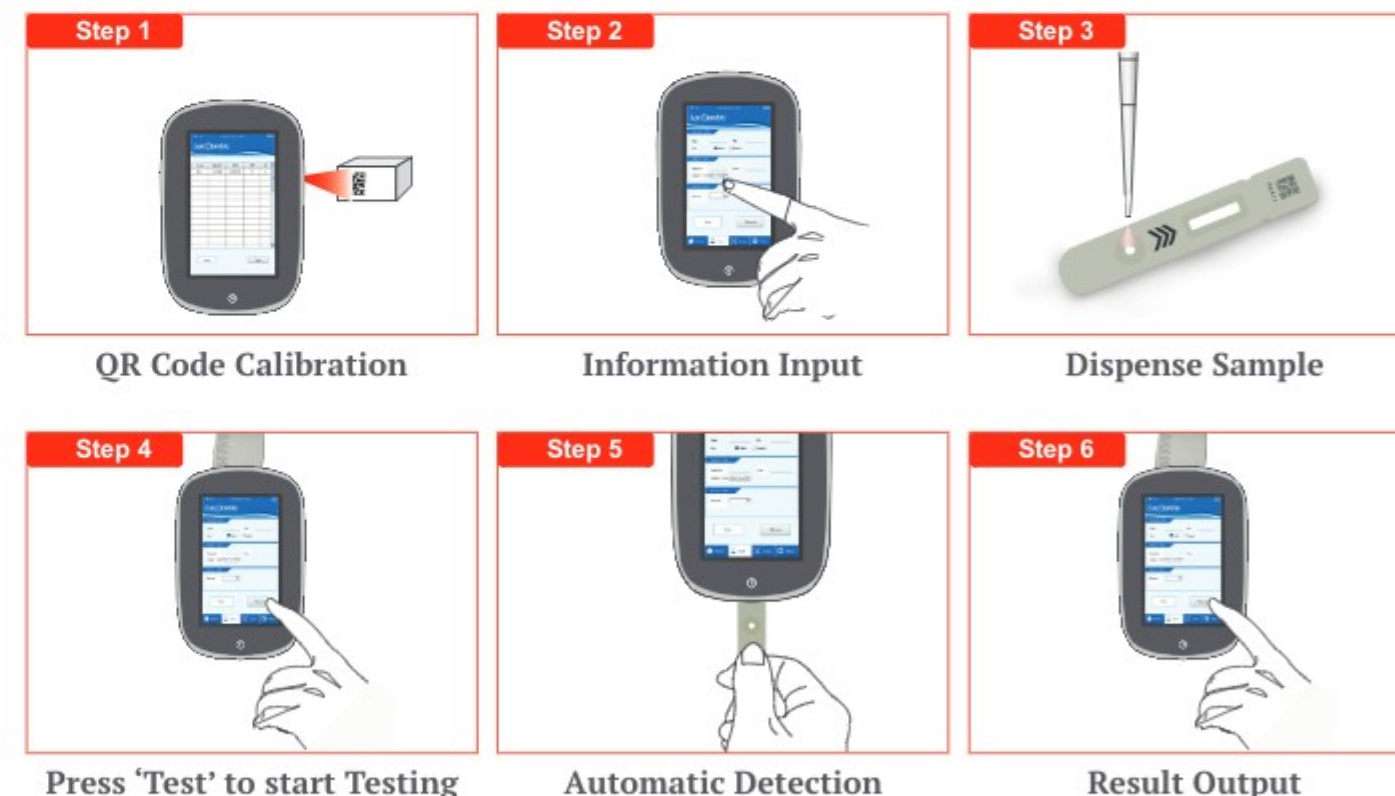
TIME-RESOLVED FLUORESCENCE IMMUNOASSAY (TRFIA) METHOD:

TRFIA Is Super-Sensitive Detection Technique characterized by Specific fluorescence of Rare Earth Ions (eu^{3+}).

- Highly Sensitive ▶ Overcomes Instability of Enzyme Marker.
- High Fluorescence Intensity.
- Specific Emission Spectrum of $615 \pm 5 \text{ nm}$.
- Long Fluorescence Lifetime $714 \mu\text{s}$.
- Large Stokes Displacement.
- Distinguish Specific Fluorescence from Non-specific Fluorescence by Wavelength Resolution.



► Easy Operation:



SMALL | COMPACT | PORTABLE

QUICK | RELIABLE | ACCURATE