

Test Item

Category	Abbr.	Full Name	Methodology
Cardiovascular	(hs)cTnI	(High-Sensitive) Cardiac Troponin I	Immunofluorescence
	(hs)cTnT	(High-Sensitive) Cardiac Troponin T	Immunofluorescence
	Myo	Myoglobin	Immunofluorescence
	NT-proBNP	N-Terminal Pro-Brain Natriuretic Peptide	Immunofluorescence
	DD	D-Dimer	Immunofluorescence
	cTnI/CK-MB/Myo	Cardiac Troponin I/Creatine Kinase-MB/Myoglobin	Immunofluorescence
Inflammation	Hs-CRP+CRP	Full Range C-reactive Protein	Immunofluorescence
	PCT	Procalcitonin	Immunofluorescence
	SAA/CRP	Serum Amyloid A/C-reactive Protein	Immunofluorescence
	PCT/IL-6	Procalcitonin/Interleukin-6	Immunofluorescence
Thyroid Function	FT3	Free Triiodothyronine	Immunofluorescence
	FT4	Free Thyroxine	Immunofluorescence
	T3	Triiodothyronine	Immunofluorescence
	T4	Thyroxine	Immunofluorescence
	TSH	Thyroid Stimulating Hormone	Immunofluorescence
Metabolism	25-OH-VD	25-Hydroxy Vitamin D	Immunofluorescence
Kidney Function	UA	Uric Acid	Dry Chemistry
	UA/Cre/UN	Uric Acid/Creatinine/Urea Nitrogen	Dry Chemistry
	Cre/MAU (2 in 1)	Creatinine/Microalbumin	Dry Chemistry & Immunofluorescence
Liver Function	AST/ALT	Aspartate Aminotransferase/Alanine Transaminase	Dry Chemistry
Diabetes	GLU	Glucose	Dry Chemistry
	HbA1c	Hemoglobin A1c	Immunofluorescence
	GLU/HbA1c (2 in 1)	Glucose /Hemoglobin A1c	Dry Chemistry & Immunofluorescence
Blood Lipids	TG/TCH/ HDL-C/LDL-C	Triglyceride/Total Cholesterol/High Density Lipoprotein Cholesterol/Low Density Lipoprotein Cholesterol	Dry Chemistry
Fertility	PROG	Progesterone	Immunofluorescence
	TES	Testosterone	Immunofluorescence
	E2	Estradiol	Immunofluorescence
	PRL	Prolactin	Immunofluorescence
	LH	Luteinizing Hormone	Immunofluorescence
	FSH	Follicle Stimulating Hormone	Immunofluorescence
Anemia	β-HCG	Beta-Human Chorionic Gonadotropin	Immunofluorescence
	VB12	Vitamin B12	Immunofluorescence



FD-100



Handheld Biochemical Immunoassay Analyzer

- Original Dual Methodology** Dry chemistry & Immunofluorescence Result obtained in **3-10** min
- Comprehensive Test Items** Covering **10+** diagnostic category Up to **50+** test items
- Exclusive & Featured Items** **2 in 1** GLU/HbA1c Cre/MAU AST/ALT VB12 FT3 FT4 VD

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Features



Dual Methodology

Dry Chemical & Immunofluorescence



Rapid Test, Easy to Operate

10s to Print Results



Intelligent Calibration

Automatic Temperature Compensation



Low Maintenance

No Liquid-phase System, Low Maintenance Cost

Scenarios



Clinics



Family doctor



Hospitalization&E.R



Laboratory



Outdoor Rescue



Ambulance

Function

USB Interface
Supporting a variety of data transmission modes

Built-in Printer
Printing results at any time

Built-in Lithium Battery
Continuous detection for 8 hours

Equipped with Camera
Quickly and automatically identifying item information



Operations (inside mode)



Step 1

Project Identification



Step 2

Sample loading



Step 3

Automated Detection

*Attention: Dry chemical reagents are only allowed to be incubated within the analyzer.

Parameters of the Device

Device	Handheld Biochemical Immunoassay Analyzer
Principle	Dry Chemistry/Immunofluorescence
Sample Type	Whole blood, serum, plasma, urine, peripheral blood, etc.
CV	Dry Chemistry ≤ 3%; Immunofluorescence ≤ 5%
Weight	≤ 750g
Size	210 mm (length) × 90 mm (width) × 60 mm (height)