Category	Test Item	Specimen Type	Specimen Volume	Reaction Time	Measuring Range	Clinical Reference	Qualification
COVID-19	SARS-CoV-2 Antibody (New)	WB/Serum/Plasma	10 μL	10 min	Qualitative	Negative	CE
	SARS-CoV-2 IgM (New)	WB/Serum/Plasma	10 μL	10 min	Qualitative	Negative	CE
	SARS-CoV-2 IgM/IgG (New)	WB/Serum/Plasma	10 μL	10 min	Qualitative	Negative	CE
Vitamin	Vitamin D	Serum/Plasma	75 μL	15 min	5-100 ng/mL	30-100 ng/mL	CE
Diabetic & Renal Injury Markers	HbA1c	WB	10 μL	5 min	4.0-14.5%	4-6.5%	CE IFCC NGSP
	MAU	Urine	75 μL	3 min	5-300 mg/L	0-20 mg/L	CE
	CysC	WB/Serum/Plasma	10 μL	5 min	0.2-10 mg/L	0.5-1.1 mg/L	CE
	NGAL	Urine	75 μL	15 min	10-1500 ng/mL	≤131.7 ng/mL	CE
	β2-MG	WB/Serum/Plasma	10 μL	10 min	0.3-20 mg/L	1.0-2.7 mg/L	CE
Thyroid Function	T3	WB/Serum/Plasma	75 μL	15 min	0.61-9.22 nmol/L	1.23-3.07 nmol/L	CE
	T4	WB/Serum/Plasma	75 μL	15 min	12.87-300 nmol/L	66-181 nmol/L	CE
	TSH	WB/Serum/Plasma	75 μL	15 min	0.1-100 mIU/L	0.3-4.2 mIU/L	CE
	fT3	WB/Serum/Plasma	75 μL	15 min	0.40-50.00 pmol/L or 0.26-32.55 pg/mL	2.8-7.1 pmol/L (1.82-4.61 pg/mL)	CE
	fT4	WB/Serum/Plasma	75 μL	15 min	1.00-100 pmol/L or 0.078-7.77 ng/dL	12-22 pmol/L (0.94-1.72 ng/dL)	CE
Fertility	β-HCG	WB/Serum/Plasma	20 μL	15 min	2-200,000 mIU/mL	5 mIU/mL	CE
	LH	WB/Serum/Plasma	75 μL	15 min	1-100 mIU/mL	Male: 1.70-8.60 mIU/mL; Female: Follicular phase 2.95-13.65 mIU/mL Ovulation phase 13.65-95.75 mIU/mL Luteal phase 1.25-11.00 mIU/mL Menopause phase 8.24-55.23 mIU/mL	CE
	FSH	WB/Serum/Plasma	75 μL	15 min	1-100 mIU/mL	Male: 1.50-12.40 mIU/mL Female: Follicular phase 4.46-12.43 mIU/mL Ovulation phase 4.88-20.96 mIU/mL Luteal phase 1.96-7.70 mIU/mL Menopause phase 22.70-130.00 mIU/mL	CE
	Prog	WB/Serum/Plasma	75 μL	15 min	1.5-60 ng/mL	Male: 0.2-1.5 ng/mL Female: Follicular phase: 0.2-2.0 ng/mL Ovulation phase: 0.7-3.5 ng/mL Luteal phase: 3.0-30 ng/mL Menopause phase: 0.1-0.9 ng/mL 7 weeks of pregnancy: 24.5±7.6 ng/mL 9-12 weeks of pregnancy: 38.0±13.0 ng/mL	CE
	PRL	WB/Serum/Plasma	75 μL	15 min	1-200 ng/mL	Female non-pregnant): 4.60-25.07 ng/mL Male: 3.45-17.42 ng/mL	CE
	E2	WB/Serum/Plasma	75 μL	15 min	9-3000 pg/mL	Male: <85 pg/mL Female: Follicular Phase: 12-262 pg/mL Ovulation: 40-396 pg/mL Luteal Phase: 21-381 pg/mL Menopause: <190 pg/mL Pregnancy: >145 pg/mL	CE
	Testosterone	WB/Serum/Plasma	75 μL	15 min	0.2-15 ng/mL	Male: 20-49 years old 1.61-8.41 ng/mL ≥50 years old <0.61 ng/mL Female: 20-49 years old ≤0.80 ng/mL ≥50 years old <0.71 ng/mL	CE
	AMH	WB/Serum/Plasma	75 μL	15 min	0.1-16 ng/mL	Male: 20-60 years old, 0.92-13.89 ng/mL Female 20-29 years old 0.88-10.35 ng/mL 30-39 years old 0.31-7.86 ng/mL 40-50 years old ≤5.07 ng/mL	CE
Cardiac Markers	NT-proBNP	WB/Serum/Plasma	75 μL	15 min	18-35000 pg/mL	<75 years old 0-300 pg/mL ≥75 years old 0-450 pg/mL	CE
	cTnI	WB/Serum/Plasma	75 μL	15 min	0.1-50 ng/mL	0-0.3 ng/mL	CE
	Myo	WB/Serum/Plasma	75 μL	15 min	2.0-400 ng/mL	0-58 ng/mL	CE
	CK-MB	WB/Serum/Plasma	75 μL	15 min	0.3-100 ng/mL	0-5 ng/mL	CE
	H-FABP	WB/Serum/Plasma	75 μL	15 min	1-120 ng/mL	0-7 ng/mL	CE
	3 in 1 (cTn I/Myo/CK-MB)	WB/Serum/Plasma	75 μL	15 min	Same with single items	Same with single items	CE
	BNP	WB/Plasma	75 μL	15 min	5-5000 pg/mL	0-100 pg/mL	CE
	2 in 1 (cTn I/ NT-proBNP)	WB/Serum/Plasma	75 μL	15 min	Same with single items	Same with single items	CE
	hsCRP	WB/Serum/Plasma	10 μL	3 min	0.1-10 mg/L	≤1.0 mg/L	CE
	TnT (New)	WB/Serum/Plasma	100 μL for whole blood 75 μL for plasma/serum	15 min	0.03-10 ng/mL	0-0.1 ng/mL	
	Lp-PLA2 (New)	WB/Serum/Plasma	75 μL	15 min	10-1000 ng/mL	225 ng/mL	
Coagulation	D-Dimer	WB/Plasma	15 μL for whole blood 10 μL for plasma	5 min	0.1-10 mg/L	0-0.5 mg/L	CE
	D-Dimer one step	WB/Plasma	100 μL for whole blood 75 μL for plasma	15 min	0.1-10 mg/L	0-0.5 mg/L	CE
Inflammation Markers	PCT	WB/Serum/Plasma	75 μL for whole blood 50 μL for plasma/serum	15 min	0.1-100 ng/mL	0-0.5 ng/mL	CE
	CRP (hsCRP+CRP)	WB/Serum/Plasma	8.5 μL for whole blood 5 μL for plasma/serum	3 min	0.5-200 mg/L	CRP:0-10 mg/L hsCRP:0-1 mg/L	CE
	2 in 1 (CRP+PCT)	WB/Serum/Plasma	75 μL	15 min	CRP:0.5-150 mg/L PCT:0.1-100 ng/mL	CRP:<10 mg/L PCT:<0.5 ng/mL	CE
	SAA	WB/Serum/Plasma	10 μL	15 min	1.0-300 mg/L	0-10 mg/L	CE
	IL-6 (New)	WB/Serum/Plasma	75 μL	15 min	3;4000 pg/mL	≤10 pg/mL	
Tumor Markers	AFP	WB/Serum/Plasma	75 μL	15 min	5-400 ng/mL	0-20 ng/mL	CE
	PSA	WB/Serum/Plasma	75 μL	15 min	2-100 ng/mL	0-4 ng/mL	CE 0123
	CEA	WB/Serum/Plasma	75 μL	15 min	1-500 ng/mL	0-5 ng/mL	CE
	fPSA	WB/Serum/Plasma	75 μL	15 min	0.2-30 ng/mL	< 1 ng/mL	CE 0123
Craniocerebral Injury Markers	S100β (New)	WB/Serum/Plasma	75 μL	15 min	0.05-10 ng/mL	0.2 ng/mL	
Others	Cortisol	WB/Serum/Plasma	75 μL	15 min	50-1000 nmol/L	7:00-10:00 a.m.: 201.31-536.54 nmol/L 4:00-8:00 p.m.: 65.78-330.85 nmol/L	

Ongoing: Ferritin, FOB, H.Pylori antigen, Vit-B12, ST2

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Good correlation with CLIA method

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- Weight: 2.8 Kg

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- Direct connection to LIS/HIS

ID chip inlet

- Automatically reading of batch number and calibration information in the ID chip

Designed Sampler

- Specially-designed sampler for small volume of specimen



Built-in Thermal Printer

- Real-time auto-printing
- Support for external printers

Large Display

- 8" LCD Touch Screen
- Intuitive user interface

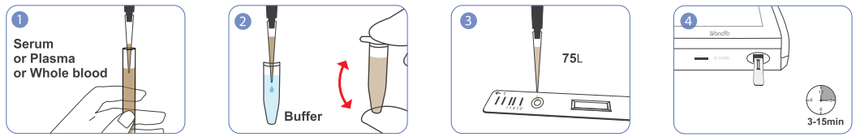
Test Channel

- Multiple testing modes available
- Unique quick mode for large number of samples

Test Reagent

- Room temperature storage
- Suitable for whole blood, serum, plasma and urine

TEST PROCEDURE



Sampling | Mixing | Dropping | Reading

APPLICATION

Laboratory | ER | ICU | Clinics | GP Office | Ambulance