



In Vitro Diagnostic Products

CATALOGUE

—
TO ADDRESS
GLOBAL MEDICAL NEEDS



COMPANY PROFILE



Lepu Medical Technology (Beijing) Co., Ltd. was established in 1999. Lepu Medical is specialized in developing, manufacturing and distributing the high-tech medical devices and equipment. Today, Lepu Medical has grown into a global leading group company in the fields of cardiovascular, neurovascular and peripheral vascular interventions, structural heart diseases, surgical cardiology, cardiac rhythm management, anesthesia and critical care, in vitro diagnostics and general surgery with products include coronary stents, dilatation balloon catheters, interventional accessories, occlusion devices, mechanical heart valves, electrophysiology catheters, pacemakers, in vitro diagnostic products, critical care products, angiography systems and surgical staplers. In 2009, Lepu Medical went public in ChiNext Shenzhen Stock Exchange market (stock code: 300003).

Now Lepu Medical totally has 32 primary subsidiary companies worldwide. Currently, there are 123 products have received the CE certificates, and 17 products have got the FDA approvals. As the National Interventional Cardiology Medical Instruments & Engineering Technology Research Center, Lepu Medical Group's top strategy is to build up a 4 in 1 platform includes medical devices, medicines, health services and mobile medicals for cardiac treatments.

Lepu Medical has established three overseas subsidiary companies in Netherland, Turkey and India, obtained local registrations in 27 countries, and built the sales and distribution channels in over 80 countries and regions. Lepu Medical upholds "integrity, quality and scientific innovation" as its spirit, commitments to provide the best quality of products and services to satisfy the needs of healthcare professionals and patients.

This catalogue includes information of products available in certain countries. Availability of these products may vary with locations. Please contact Lepu Medical for more information about the approval in your region.

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Diagnostic Kits

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2.1.4 cTnl C€

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2.1.6 cTnl/h-FABP C€

2.1.7 cTnl/Myo/CK-MB C€

2.1.8 CRP C€

2.1.9 D-Dimer C€

2.1.10 MPO C€

2.2 Fluorescence Immunochromatography Analyzer

2.2.1 LEPU Quant-fluo 800 C€

Diagnostic Kits

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2.2.3 hs-cTnl C€

2.2.4 NT-proBNP C€

2.2.5 CK-MB C€

2.2.6 Myo C€

2.2.7 cTnl/h-FABP C€

2.2.8 cTnl/Myo/CK-MB C€

2.2.9 D-Dimer C€

2.2.10 PCT C€

2.2.11 CRP C€

2.2.12 SAA/CRP C€

2.2.13 MAU C€

2.2.14 Cys-C C€

2.2.15 NGAL C€

2.2.16 β2-MG C€

2.2.17 HbA1c C€

2.2.18 PG I / II C€

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2.2.21 AMH C€

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2.2.23 β-HCG C€

2.2.24 Ferritin C€

2.3 Fluorescence Immunochromatography Analyzer

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2.4 Blood Glucose Meter

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2.5 Pactor® blood glucose, ketone body, uric acid detector

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2.9 Glycated Hemoglobin Analyzer

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2.10 Urine Analyzer

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2.10.2 UAM1412 €€

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3.1.2 ADC ELISA 200 €€

3.1.3 ADC ELISA 400 €€

3.1.4 ADC ELISA 600 €€

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Diagnostic Kits

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3.2.2 ADC CLIA 400

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01

Hematology Diagnostic

1.1 Thromboelastography Analyzer

- 1.1.1 CFMS LEPU-8800 CE
- 1.1.2 CFMS LEPU-8880 CE

Diagnostic kits

- 1.1.3 CFMS Thrombelastograph General Cup Test Kit CE
- 1.1.4 CFMS Thrombelastograph Heparinase Cup Test Kit CE
- 1.1.5 CFMS Platelet Function Test Kit-AA Activated pathway CE
- 1.1.6 CFMS Platelet Function Test Kit-ADP and AA Activated Pathway CE
- 1.1.7 CFMS Platelet Function Test Kit-ADP Activated Pathway CE
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- 1.1.9 CFMS Thrombelastograph Function Functional Fibrinogen Test Kit CE
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1.2 LEPU FastRing FR 1000

- 1.2.1 LEPU FastRing FR 1000

Diagnostic kits

- 1.2.2 P2Y12 Receptor Platelet Agglutination Cards CE
- 1.2.3 Cyclooxygenase -1 Platelet Agglutination Cards CE

01

Hematology Diagnostic

1.3 Fully automated blood grouping system

- 1.3.1 BLOZER 72 CE
- 1.3.2 BLOZER 120 CE

Semi-automated System

- 1.3.3 NJ-12
- 1.3.4 R-24C

Test Reagent (Blood Group Testing Products)

Blood Typing Gelcard

- 1.3.5 ABO / RhD Blood Forward and Reverse Grouping Card (Monoclonal Antibody)
- 1.3.6 ABO and RhD Blood Group Antigen Test Strip (Column Agglutination Method)
- 1.3.7 Rh Blood Group Antigen Test Strip (Column Agglutination Method)
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Thrombelastography Analyzer

CFMS LEPU-8800

CE



CFMS LEPU-8880

CE

Thrombelastography (TEG) is a method of testing the efficiency of coagulation in the blood. It has been widely used for decades in the world. TEG provides an effective and convenient means of monitoring whole blood coagulation. It evaluates the elastic properties of whole blood and provides a global assessment of haemo-static function.

Features:

- Fast, accurate, convenient and intelligent.
- Evaluate the prenatal prothrombotic state and prepare the essential treatment as early as possible.
- Evaluate the overall perspective of coagulation, screening coagulation disorders, determine the function of coagulation.
- Guide individualized blood transfusion and avoid unnecessary component transfusion.
- Assist in timing of caediac surgery, predict blood loss before the operation.
- Monitor the efficacy of antiplatelet and anticoagulant therapies.
- Detect the residues of heparin, reduce the risk of bleeding.

Device specification:

Catalogue No.	CFMS LEPU-8800
Voltage	~220V
Frequency	50Hz
Input Power	46W
Size	290mm*220mm*180mm
Weight	5.4kg
Number of channels	2

Ordering Information

Catalogue No.	CFMS LEPU-8800	CE
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Device specification:

Catalogue No.	CFMS LEPU-8880
Voltage	220V±22V
Frequency	50Hz±1Hz
Input Power	120W
Size	320mm*320mm*380mm
Weight	15.4kg
Number of channels	4

Diagnostic kits

Catalogue No.	Certification
CFMS Thromboelastography (general cup) Test Kit	CE
CFMS Thromboelastography (heparinase cup) Test Kit	CE
CFMS Platelet Function Test Kit- AA /ADP/ADP and AA Activated pathway	CE
CFMS Thrombelastograph Activation of Blood Coagulation Test Kit	CE
CFMS Thrombelastograph Function Functional Fibrinogen Test Kit	CE
CFMS Thrombelastograph Cogulation Control	CE

Ordering Information

Catalogue No.	CFMS LEPU-8880	CE
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Features:

- Quickly detect the function of residual platelet aggregation and predict the risk of thrombosis.
- Monitor the efficacy of antiplatelet drugs and guide the use of drugs.
- Assist doctors to develop individualized antiplatelet therapy.

Monitor the efficacy of antiplatelet drugs LEPU FastRing FR 1000

Device specification:

Catalogue No.	LEPU FastRing FR 1000
Voltage	AC220V
Frequency	50Hz
Input Power	48VA
Size	240mm*230mm*100mm
Weight	1500g
Display screen	7 inches

Diagnostic kits

Catalogue No.	
P2Y12 Receptor Platelet Agglutination Cards	CE
Cyclooxygenase -1 Platelet Agglutination Cards	CE

Ordering Information

Catalogue No.	LEPU FastRing FR 1000
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**Features:**

- Convincing performance
- Compact benchtop design
- Stable reliable intelligent robotic arm
- Intuitive and flexible software
- Integrated back-up system
- Advanced technology
- Attractively priced

Fully automated blood grouping system

BLOZER 72

CE



Fully automated blood grouping system

BLOZER 120

CE

Standard Configurations

Model	BLZOER 72	BLZOER 120
Sample channel	1	2
	2 independent mechanical arms - sampling arm and intelligent manipulator 1 interpretation module, Composed of CCD and Backlight 12 card positions	
Puncture Module	1 puncture module + 6/8-hole punch	1 puncture module + 6/8-hole punch
Incubation module/ Incubation positions	1 incubation module/12 incubation positions	2 incubation module, 12 incubation positions
Centrifuge	12 cards position (maximum speed 3000r/min, Centrifugal time, speed adjustable programming)	12X2=24 cards position (maximum speed 3000r/min, Centrifugal time, speed adjustable programming)

Ordering Information

Catalogue No.	BLZOER 72	CE
Catalogue No.	BLZOER 120	CE



Blood grouping Gelcard Centrifuge NJ-12

Features:

- Max speed: 3000rpm
- High speed accuracy
- Low noise
- Automated monitoring of the whole process

Specifications:

Max Speed	3000 rpm
Max volume	12cards
Speed accuracy	±30r/min
Max RCF	780g
Noise	≤55dB
Timer	1~99min
Power supply	AC 220V 50Hz 165W
Dimension(HxDxW)	340×430×240mm
Net weight	20Kg

Features:

- 24 Gel cards capacity
- 30°C -60°C temperature range, automatic heating up to 37°C
- Incubation is completed with a voice prompt

Specifications:

Capacity	12*2 Gel cards
Temperature range	30°C -60°C
Temperature accuracy	≤2°C
Timer	100min
Power	AC220V 50Hz 150W
Dimension(HxDxW)	370×275×137
Net weight	6Kg

Ordering Information

Catalogue No.	NJ-12
Catalogue No.	R-24C



Blood grouping Gelcard Incubator R-24C

Blood Typing Gelcard	
Product Name	Specification
ABO / RhD Blood Forward and Reverse Grouping Card (Monoclonal Antibody)	12 Gelcards/box
ABO and RhD Blood Group Antigen Test Strip (Column Agglutination Method)	2 test/card, 24 test/box
Rh Blood Group Antigen Test Strip (Column Agglutination Method)	12 test/card, 48 test/box
Anti-human Globulin (Anti-IgG and Anti-C3d) Detection Card (Column Gel Test)	12 Gelcards/box
Blood Typing Gelcard Reagents	
Product Name	Specification
ABO Reverse Grouping Test Kit (Human red blood cell)	Contains one bottle of A, B, O cell, 10 ml/bottle, with concentration of 4% or 8%
Irregular Antibodies Screening Test Kit (Human red blood cell)	Contains one bottle of O I, O11, O III blood cell, 10Cml/bottle, with concentration of 4% or 8%
Cell Preservation Solution	250 mL/bottle
Diluent for Blood Typing	50 mL/bottle, 10 mL/bottle
Diluent for Blood Cell Analysis	10 mL/bottle, 100 mL/bottle, 500 mL/bottle
Sample Releasing Agent	50 test/box (Solution I: 1 bottle/box, Solution II: 4 bottle/box, Solution III: 10 mL/bottle)
Quality Control	
Product Name	Specification
ABO/RhD Blood Typing Quality Control (Microcolumn gel)	6 bottle/box Sample1 2 mUbottle x 1 bottle, Sample2 2 ml/bottle x 1 bottle, Sample3 2 ml/bottle x 1 bottle, Sample4 2 ml/bottle x 1 bottle, Samples 2 ml/bottle x 1 bottle, Sample6 1 ml/bottle x 1 bottle
Cross-matching Quality Control (Microcolumn gel)	5 bottle/box Sample 1: 2mUbottle x 1 bottle, Sample 2: 1ml/bottle x 1 bottle, Sample 3: 1ml/bottle x 1 bottle, Sample 4: 2ml/bottle x 1 bottle, Samples 2ml/bottle x 1 bottle
Irregular Antibodies Screening Quality Control (Microcolumn gel)	Contains one bottle of O I, O11, O III blood cell, 5ml/bottle, with concentration of 4% or 8%



02 POCT

2.1 Colloidal Gold Immunochromatographic Assay Analyzer

2.1.1 LEPU Quant 800 €€

Diagnostic Kits

2.1.2 PCT €€

2.1.3 NT-proBNP €€

2.1.4 cTnl €€

2.1.5 h-FABP €€

2.1.6 cTnl/h-FABP €€

2.1.7 cTnl/Myo/CK-MB €€

2.1.8 CRP €€

2.1.9 D-Dimer €€

2.1.10 MPO €€

2.2 Fluorescence Immunochromatography Analyzer

2.2.1 LEPU Quant-fluo 800 €€

Diagnostic Kits

2.2.2 S100- β €€

2.2.3 hs-cTnl €€

2.2.4 NT-proBNP €€

2.2.5 CK-MB €€

2.2.6 Myo €€

2.2.7 cTnl/h-FABP €€

2.2.8 cTnl/Myo/CK-MB €€

2.2.9 D-Dimer €€

2.2.10 PCT €€

2.2.11 CRP €€

2.2.12 SAA/CRP €€

02 POCT

2.2.13	MAU	CE
2.2.14	Cys-C	CE
2.2.15	NGAL	CE
2.2.16	β 2-MG	CE
2.2.17	HbA1c	CE
2.2.18	PG I / II	CE
2.2.19	Gastrin 17	CE
2.2.20	HP IgG	CE
2.2.21	AMH	CE
2.2.22	25-OH VD	CE
2.2.23	β -HCG	CE
2.2.24	Ferritin	CE
2.3	Fluorescence Immunochromatography Analyzer	
2.3.1	LEPU Fluo-1800	
2.4	Blood Glucose Meter	
2.4.1	Poctor 800	CE
2.5	Poctor® blood glucose, ketone body, uric acid detector	
2.5.1	Poctor M3101	CE
2.6	Cholesterol Analyzer	
2.6.1	LP-M3-11	CE
2.7	Coagulation Analyzer	
2.7.1	PT-M1-11	CE
2.8	Dry Biochemical Analyzer	
2.8.1	MBM001	CE
2.9	Glycated Hemoglobin Analyzer	
2.9.1	HAM001	CE
2.10	Urine Analyzer	
2.10.1	UAM1411	CE
2.10.2	UAM1412	CE

**Features:**

- **High Quality**-Imported major components with advanced Germany technology
- **User-friendly Design** - 7" touch screen,great touch feeling,simple graphic interface
- **Built-in Lithium Battery** - High mobility for first aid & ambulance
- **Two Test Mode** - Internal & external mode for different clinical needs
- **Smart Report** - Auto-printing
- **Visual Results** - Available to connect with LIS/HIS

Colloidal Gold Immuno-chromato- graphic Assay Analyzer LEPU Quant 800

CE

Diagnostic kits

Biomarker	Corresponding disease	Reference value Reference range	Measuring range	
PCT	Inflammation Bacterial infection Sepsis	<0.25ng/ml	0.1-50ng/ml	CE
NT-proBNP	Heart failure	<12spg/ml	100-10000pg/ml	CE
cTnl	Myocardial infarction	<0.5ng/ml	0.1-50ng/ml	CE
h-FABP	Myocardial infarction	<7ng/ml	2.5-50ng/ml	CE
cTnl/h-FABP	Myocardial infarction	cTnl: <0.5ng/ml h-FABP: <7ng/ml	cTnl: 0.1-50ng/ml h-FABP: 2.5-50ng/ml	CE
cTnl/Myo/CK-MB	Myocardial infarction	cTnl: <0.5ng/ml Myo: <50ng/ml CK-MB: <5ng/ml	cTnl: <0.1-50ng/ml Myo: 25-500ng/ml CK-MB: 2.5-300ng/ml	CE
CRP	Inflammation	<1µg/ml	CRP: 10-100µg/ml	CE
D-Dimer	Thrombus	<500ng/ml	200-5000ng/ml	CE
MPO	Coronary disease	<50ng/ml	25-500ng/ml	CE

Ordering Information

Catalogue No.	LEPU Quant 800	CE
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LEPU Quant-fluo 800

CE

Features:

- **Intelligence:** The test strip is automatically identified with the standard curve. LIS/HIS connectivity. The test results are displayed directly on the screen.
- **High quality:** Long standby time. Good storage capacity.
- **Convenient:** User-friendly graphic interface. 7 inches touch screen & sensitive touch feeling. Built-in lithium battery for mobile monitoring.
- **Accurate:** High quality raw materials are used to make sure the accuracy and stability. The fluoroimmunoassay has high sensitivity and specificity.

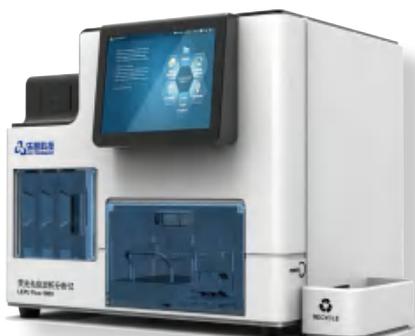
Diagnostic kits

Biomarker	Corresponding disease	Reference value/ Reference range	Measuring range	
S100-βtest kit	Neurological disease	<0.2ng/ml	0.05-30ng/ml*	CE
hs-cTnl	Myocardial infarction	<0.1ng/ml	0.05-50ng/ml	CE
NT-proBNP	Heart failure	<125pg/ml	100-30000pg/ml	CE
CK-MB	Myocardial infarction	< 5.0ng/ml	2.5-300ng/ml	CE
Myo	Myocardial infarction	Myo:< 50ng/ml	25-500ng/ml	CE
cTnl/h-FABP	Myocardial infarction	cTnl < 0.5ng/ml h-FABP:c< 7/ml	cTnl:0.05-50ng/ml h-FABP:2.5-50ng/ml	CE
cTnl/Myo/CK-MB	Myocardial infarction	cTnl < 0.5ng/ml Myo:< 50ng/ml CK-MB:< 5ng/ml	cTnl 0.05-50ng/ml Myo:25-500ng/ml CK-MB:2.5-300ng/ml	CE
D-Dimer	Venous thrombus Pulmonary embolism	< 500ng/ml	200-5000ng/ml	CE
PCT	Sepsis/Inflammation Bacterial infection	< 0.5ng/ml	0.05-50ng/ml	CE
CRP	Inflammatory diseases	< 10.0μg/ml	0.5-100μg/ml*	CE
SAA/CRP	Inflammatory diseases	SAA:<10μg/ml CRP:<10μg/ml	SAA:2.5-200μg/ml CRP:0.5-150μg/ml	CE
MAU	Renal disease	< 20mg/L	10-300mg/l	CE
Cys-C	Renal disease	0.5-1.2μg/ml	0.2-20μg/ml	CE
NGAL	Renal disease	135ng/l	50-1500ng/ml*	CE
β2-MG	Renal disease	0.8-1.8mg/L(blood) < 0.3mg/l(urine)	0.3-10mg/l	CE
HbA1c	Diabetes	4%-6%	4%-15%	CE
PG I / II	Gastric disease	PG I >70ng/ml PG I / II >3.0	PG I : 5-200ng/ml PG II : 1-100ng/ml	CE
Gastrin 17	Gastric disease	1-7 pmol/l	1-47.8 pmol/l	CE
HP IgG	Gastric disease	Negative: <15 AU/ml Positive: >15 AU/ml	-	CE
AMH	Fertility	Healthy women (age) 20-24:1.66-9.49 25-29:1.18-9.16 30-34:0.67-7.55 35-39:0.78-5.24 40-50:0.11-2.07	0.1-16 ng/ml	CE
25-OH VD	Bone Metabolism	30ng/mL	5-120 ng/mL	CE
β-HCG	Fertility	non-pregnant: <20mIU/ml	2.5-50000 mIU/ml	CE
Ferritin	Iron Deficiency Anemia	Male: 25-330ng/ml Female: 10-300ng/ml	10-500ng/ml	CE

***Number marked as linear range

Ordering Information

Catalogue No.	LEPU Quant-fluo 800	CE
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LEPU Fluo-1800

Features:

- Digitalization
Embody the characteristic of intelligent POCT
- Automation
Full automation and high throughput detection
- Accuracy
Double quality control of instrument and reagent
Configure precision temperature control system

Diagnostic kits

Biomarker	Corresponding disease	Reference value/ Reference range	Measuring range	
S100-βtest kit	Neurological disease	<0.2ng/ml	0.05-30ng/ml*	CE
hs-cTnl	Myocardial infarction	<0.1ng/ml	0.05-50ng/ml	CE
NT-proBNP	Heart failure	<125pg/ml	100-30000pg/ml	CE
CK-MB	Myocardial infarction	< 5.0ng/ml	2.5-300ng/ml	CE
Myo	Myocardial infarction	Myo:< 50ng/ml	25-500ng/ml	CE
cTnl/h-FABP	Myocardial infarction	cTnl < 0.5ng/ml h-FABP:c< 7/ml	cTnl:0.05-50ng/ml h-FABP:2.5-50ng/ml	CE
cTnl/Myo/CK-MB	Myocardial infarction	cTnl < 0.5ng/ml Myo:< 50ng/ml CK-MB:< 5ng/ml	cTnl 0.05-50ng/ml Myo:25-500ng/ml CK-MB:2.5-300ng/ml	CE
D-Dimer	Venous thrombus Pulmonary embolism	< 500ng/ml	200-5000ng/ml	CE
PCT	Sepsis/Inflammation Bacterial infection	< 0.5ng/ml	0.05-50ng/ml	CE
CRP	Inflammatory diseases	< 10.0μg/ml	0.5-100μg/ml*	CE
SAA/CRP	Inflammatory diseases	SAA:<10μg/ml CRP:<10μg/ml	SAA:2.5-200μg/ml CRP:0.5-150μg/ml	CE
MAU	Renal disease	< 20mg/L	10-300mg/l	CE
Cys-C	Renal disease	0.5-1.2μg/ml	0.2-20μg/ml	CE
NGAL	Renal disease	135ng/l	50-1500ng/ml*	CE
β2-MG	Renal disease	0.8-1.8mg/L(blood) < 0.3mg/l(urine)	0.3-10mg/l	CE
HbA1c	Diabetes	4%-6%	4%-15%	CE
PG I / II	Gastric disease	PG I >70ng/ml PG I / II >3.0	PG I : 5-200ng/ml PG II : 1-100ng/ml	CE
Gastrin 17	Gastric disease	1-7 pmol/l	1-47.8 pmol/l	CE
HP IgG	Gastric disease	Negative: < 15 AU/ml Positive: > 15 AU/ml	-	CE
AMH	Fertility	Healthy women (age) 20-24:1.66-9.49 25-29:1.18-9.16 30-34:0.67-7.55 35-39:0.78-5.24 40-50:0.11-2.07	0.1-16 ng/ml	CE
25-OH VD	Bone Metabolism	30ng/mL	5-120 ng/mL	CE
β-HCG	Fertility	non-pregnant: < 20mIU/ml	2.5-50000 mIU/ml	CE
Ferritin	Iron Deficiency Anemia	Male: 25-330ng/ml Female: 10-300ng/ml	10-500ng/ml	CE

**Number marked as linear range

Ordering Information

Catalogue No.

LEPU Fluo-1800

**Features:**

- Micro blood sampling
- Long standby (Test more than 1000 times)
- Small and convenient, easy to carry
- Insert strip to work, Exit the strip to turn off

Blood Glucose Meter

Pactor 800

CE

Standard Configurations

Specifications	
Test Sample	Fresh capillary whole blood
Blood Sample Volume	0.6 μ L
Detection Range	1.1~33.3mmol/L
Test Time	8 seconds
Result Storage	200 latest results
Battery	3V button battery
Battery Life	About 1000 tests
Accessories	Blood sampling pen (optional), quality control liquid (optional)
Test Temperature	10°C ~35°C
Test Humidity	\leq 85%
Pactor 800 Dimensions	81mm x 72mm x 18.2mm (length x width x thickness)
GO S1100 adapted equipment	Pactor 800
Test Strip Packaging Specifications	10/ 25/ 50 per box
Test Strip Store condition	10°C -30°C : 18 months (Unopened), 90days (Opened)

Ordering Information

Catalogue No.	Pactor 800	CE
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Pactor® blood glucose, ketone body, uric acid detector

Pactor M3101

CE

Features:

- One device with three functions (For blood glucose\ketone bodies\uric acid test)
- Code calibration
- Barcode scanning with intelligent patient information management
- Sample type: Capillary whole blood and venous whole blood
- Automated startup after inserting test paper
- Large memory capacity
- Test paper with Independent packing

Diagnostic kits

	Sample type	test volume	Time	Measuring range	Calibration	Hematocrit	Memory capacity
Blood glucose test paper (GO S1101)	Capillary whole blood	≥ 0.7μL	<10s	1.1-33.3mmol/L	code	30-50%	400
Blood glucose test paper (GDH S1101)	Capillary whole blood or venous whole blood	≥ 0.8μL	<10s	1.1-33.3mmol/L	code	30-70%	400
ketone bodies test paper (KT S1101)	Capillary whole blood	≥ 1.0μL	<15s	0.2-8.0mmol/L	code	30-70%	100
Uric Acid test paper (UA S1100)	Capillary whole blood	≥ 2.0μL	<25s	200-1200mmol/L	code	30-55%	100

Ordering Information

Catalogue No.	Pactor M3101	CE
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**Features:**

- 1 drop of whole blood
- For quantitative determination in vitro of CHOL,HDL,TRIG,LDL,CHOL/HDL
- Large storage of data
- Get result in 2 minutes
- Bluetooth transmission
- Health management

Cholesterol Analyzer

LP-M3-11

CE

Main Technical Parameters and Performance Indicators

Parameters	Indicator
Test range	CHOL:2.59-12.93mmol/L(100-500mg/dL) HDL:0.39-2.59mmol/L(15-100mg/dL) TRIG:0.51-7.34mmol/L(45-650mg/dL)
Accuracy (relative deviation %)	CHOL:2.59-12.93mmol/L(100-500mg/dL) (≤15%) HDL:0.39-2.59mmol/L(15-100mg/dL) (≤15%) TRIG:0.51-7.34mmol/L(45-650mg/dL) (≤15%)
Repeatability(CV%)	CHOL:5-7mmol/L(193-271mg/dL) (≤10%) HDL:0.8-1.5mmol/L(31-58mg/dL) (≤15%) TRIG:1.5-2.5mmol/L(133-221mg/dL) (≤10%)
Linear(r)	CHOL:2.59-12.93mmol/L(100-500mg/dL) (≥0.975) HDL:0.39-2.59mmol/L(15-100mg/dL) (≥0.975) TRIG:0.51-7.34mmol/L(45-650mg/dL) (≥0.975)
Sample type	Whole blood (venous blood or capillary blood)
Sample addition quantity	35uL
Test time	≤120s
Power supply	4*1.5V AAA battery
Unit of measurement	mmol/L,mg/dL (mmol/L by default)
Storage	200 sets of data with the test date and time
Power-saving mode	The device will be turned off automatically if there is no operation within 3 minutes
Device size	140mm×82mm×25mm
weight	About 140g (excluding batteries)
Operating environment	10-30°C humidity: ≤80%
Storage environment	0.50°C humidity: ≤90%
USB port	For developer to debug

Test Strip

	Sample type	Time	Reference range	Test temperature	Calibration	Hematocrit
Lipid Profile Test Strip	Capillary whole blood or venous whole blood	120s	CHOL: <5.17mmol/L HDL: >1.03mmol/L TRIG: <1.7mmol/L	10-30°C	Code	30%-65%

Ordering Information

Catalogue No.	LP-M3-11	CE
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**Features:**

- 1 drop of capillary whole blood from tip of finger(10 μ L)
- Get result in 90 seconds
- Small and portable, Fast and convenient
- Bluetooth transmission
- 200 numbers of data storage

Coagulation Analyzer

PT-M1-11

CE

Standard Configurations

	Measuring range	Power saving mode	Dimension	Weight
Coagulation Analyzer	INR:0.7-6.0	Automated shutdown after 3 minutes with no operation	145*69*33mm (L*W*H)	160g

Test Strip

	Sample type	Time	Reference range	Test temperature	Calibration	Hematocrit	Memory capacity
Prothrombin Time Test Strip	Capillary whole blood from finger ($\geq 10\mu$ L)	90s	PT:7.0-15s INR:0.7-1.4mmol/L	10-35 $^{\circ}$ C	code	30-55%	200

Ordering Information

Catalogue No.	PT-M1-11	CE
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Features:

- Mini-Collection
- Simple and Convenient
- Fast and Quantitative
- Compact and Portable

Dry Biochemical Analyzer MBM001

CE

Standard Configurations

Parameter	Indicator
Accuracy (relative deviation)	Within $\pm 15\%$
Repeatability (CV%)	$\leq 10.0\%$
Linearity	GLU: $R \geq 0.975$ (2~25mmol/L) ALT: $R \geq 0.975$ (10~800U/L)
Startup stability	The relative deviation between the test results of the same normal sample should not be more than $\pm 15\%$ within 8 hours after startup stabilization.
Sample type	Venous whole blood, peripheral whole blood, serum and plasma
Sample loading amount	The glycated hemoglobin test panel requires 2 μ L of blood sample and ,the other test panels require 25 μ L.
Power	220V \pm 22V; 50Hz \pm 1Hz
Storage	At least 100,000 sets of data
Equipment dimensions	300mm \times 225mm \times 235mm
Weight	4000g
Service environment	Temperature 10-30 $^{\circ}$ C , humidity 30%-70%
Storage environment	-20-55 $^{\circ}$ C , humidity $\leq 80\%$
Access control	Complete the identification or authentication of the user's identity based on login passwords.
Service life of the equipment	The period of validity is 5 years

Test Item

Matching test card	ALP	AST	ALT	GGT	TBIL	DBIL	ALB	TP	GLU	TG	TC	HDL-C	UREA	CREA	UA	HbA1c
Liver function (8 items)	●	●	●	●	●	●	●	●								
Kidney glycolipid (7 items)									●	●	●	●	●	●	●	
Liver function (3 items)		●	●	●												
Renal function (3 items)													●	●	●	
Blood lipid (3 items)										●	●	●				
Blood glucose																●

Totally 6 kinds of test strip in a package for 16 test items.

Ordering Information

Catalogue No.	MBM001	CE
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**Features:**

- Compact, portable
- Data capacity 1,000 sets
- Data line transmission
- Bluetooth transmission
- 2uL blood sample
- Inductive electronic QC card

Glycated Hemoglobin Analyzer

HAM001

CE

Standard Configurations

Principle	Immunoturbidimetry
Test item	HbA1c
Sample type	Capillary whole blood/venous whole blood
Range	4%~12%
Sample volume	2uL
Testing time	No more than 10 minutes
Stored data	1,000 sets
Data transmission and printing	Support data transmission, and external thermal (wired, Bluetooth) printer Support data upload to mobile terminal via Bluetooth
Battery	Built-in rechargeable lithium battery /DC5V power supply, power adapter
Demension	Handheld

Ordering Information

Catalogue No.	HAM001	CE
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**Features:**

- Applicable population: patients who need to test routine biochemical indicators or people undergoing physical examination
- Market positioning: hospital emergency, primary care, clinics, pharmacies
- Sample dosage: 2-25 μ L capillary blood or venous blood
- Detection time: 10min
- Mobile Internet: Support data upload

Urine Analyzer UAM1411

CE



Urine Analyzer UAM1412

CE

Standard Configurations

Parameter	Index
Sample type	Urine
Item selection	11 items and 14 items
Test items available	Leukocyte, nitrite, urobilinogen, protein, pH, occult blood, specific gravity, ketone body, bilirubin, glucose, ascorbic acid (vitamin C), urinary calcium, creatinine and microalbumin
Sample loading amount	10mL
Test time	\leq 120 s
Power supply	Built-in lithium battery/5V power adapter
Unit of measurement	Semi-quantitative symbols
Storage	1,000 sets of data and its test date and time
Power saving mode	The instrument will shut down automatically if not operated for more than 3 min
Instrument dimensions	UAM1411: 140mm \times 82mm \times 25mm UAM1412: 160mm \times 85mm \times 30mm
Weight	About 140g
Transmission	USB (UAM1411)
Test principle	Photoelectric colorimetry

Ordering Information

Catalogue No.	UAM1411	CE
Catalogue No.	UAM1412	CE



03 Immunoassay

Diagnostic Kits

- 3.2.6 Tumor Marker kit
- 3.2.7 Thyroid Function kit
- 3.2.8 Inflammation kit
- 3.2.9 Anemia kit
- 3.2.10 Bone Metabolism kit
- 3.2.11 Cardiac marker kit
- 3.2.12 Infectious disease kit
- 3.2.13 Diabetes kit
- 3.2.14 Fertility / Hormone kit
- 3.2.15 Autoimmunity kit

3.3 Other Platforms

- 3.3.1 Vacuum tube labeling system
- 3.3.2 Automated liquid handling system LineTo-3000C&LineTo-2000D
- 3.3.3 Automated liquid handling systems SPS 1000

**Features:**

- High speed and throughput
- Convincing performance
- Benchtop and cabinet design
- Flexible workbench setup
- Intuitive and flexible software
- Cost-effective

ADC ELISA 180

CE

Specifications addcare elisassist one

Model	ADC ELISA 180			
Design	Benchtop system with single plate ELISA processing unit combining pipetting position, washer, incubator and reader on one module			
Liquid handling system	Pipetting by air displacement, disposable tips			
Number of channels	1			
Specification of tips	300µl, 800µl tips			
Pipetting range increment	Range: 0.5 to 800µl Increment: 0.1µl			
Pipetting precision and accuracy	Type of tip	@ Volume	Accuracy	Precision (CV%)
	300µl	50µl	1.0%	<0.75%
	800µl	100µl	1.0%	<0.75%
Liquid handling speed	1300sec pipetting 100µl into 96-wells (incl. tip exchange) 160sec dispensing 100µl into 96 wells (no tip exchange)			
Liquid handling functions	Pipetting, dispensing, dilution, conjugation, aliquoting, multiple- and diversified dispensing			
Liquid level monitoring	Liquid level monitoring, clot monitoring and empty tube monitoring			
Racks Samples Reagents				
Sample tubes	≥8x12=96 samples (standard tube diameter 13mm, other diameters on request)			
Reagent Racks	bottles / vials (16+7+5) in custom rack			
Plate positions	One plate on plate drive + one standard or deep well plate predilution			
Incubator	1 (in light protected position)			
Temperature range	Room temperature to 60°C, 0.1°C increment			
Accuracy	±0.5°C @ 37°C			

Specifications addcare elisassist one

Washing channels	1 x 8
Liquid containers	2 bottles for wash buffers and one for waste all containers are equipped with liquid level sensors
Wash volume	50 to 1000µl per well
Residual volume	≤2µl per well
Washing modes	Dispense - aspirate, overflow washing, crosswise aspiration with selectable injection height, soak time and final aspiration
Measurement module	Photometric microplate reader module
Measurement system	8-channel detector: silicon photo diodes light source: tungsten halogen lamp
Wavelength range	340 - 750nm
Filter configuration	405, 450, 492, 630nm + two empty filter positions
Measurement range increment	0.000 - 3.600A 0.001A
Measurement modes	Single- and dual wavelength measurement
Accuracy	± 1% or 0.007A
Precision	CV < 0.5% (@ 0.3 - 1.5A, 405nm), CV <1.0% (@ 1.5 - 2.0A, 405nm)
Barcode scanner	Manual (option)
Software	Windows® based control software ADCstation preconfigured to the individual system configuration
Power	Consumption: 300VA, Voltage: 220V ± 10%, Frequency: 50-60Hz (standard configuration)
Interface	1 x USB, 1 x RS232
Environmental Conditions	Operating temperature: 18 - 25°C, Humidity: 30 - 60% non condensing Storage temperature: 10 - 30°C, Humidity: 15 - 70% non condensing
Dimensions WxDxH mm	645 x 450 x 680
Weight kg	50

Ordering Information

Catalogue No.

ADC ELISA 180

CE



Fully automated ELISA workstation



ADC ELISA 200



Features:

- High speed and throughput
- Convincing performance
- Benchtop and cabinet design
- Flexible workbench setup
- Intuitive and flexible software
- Cost-effective

Standard Configurations addcare AIW

Model	ADC ELISA 180	ADC ELISA 200	ADC ELISA 400	ADC ELISA 600	ADC ELISA 1100
Design	Benchtop	Benchtop	Cabinet		Dual Cabinet
Working platform	Flexible setup at Sample, QC, reagent carrier positions and loading volumes				
Liquid handling system	Independently programmed sample channels. Equidistant channel spacing: Independent, simultaneous vertical tip movement. Position increment: ΔX , ΔY and $\Delta Z = 0.01\text{mm}$				
Type of tips	Independently operated dispense channels with disposable tips to avoid carryover				
Sample Channels	1	2	4	8	12(8+4)
Sample pipetting principle	Sample pipetting by air displacement				
Specification of tips	300 μl and 800 μl tips				
Pipetting range increment	Range: 5 to 800 μl Increment: 0.1 μl				
Pipetting precision and accuracy	Type of tip 300 μl 800 μl	@ Volume 100 μl 100 μl	Accuracy $\pm 1\%$ $\pm 1\%$	Precision (CV%) <0.75% <0.75%	
Liquid handling functions	Pipetting, dispensing, dilution, conjugation, aliquoting, multiple- and diversified dispensing				
Sample Positions	96	6 \times 24=144	6 \times 24=144	10 \times 24=240	14 \times 24=336
Reagent Positions	6(60ml)	24(60ml)	16(60ml)	40(60ml)	40-72(60ml)
Incubation	1	4 + 1 ambient (optional)	12	16	32
Temperature Range	Room temperature to 60°C adjustable at an increment of 0.1°C				
Incubation Method	Closed built-in dark incubation, no need to use incubation cover plate, with temperature control and oscillation functions		Independent temperature monitoring at multi-point sensing. Independent temperature control. Independent oscillation (Multiple oscillation frequencies), optional dark incubation.		
Washing Channels	8 wells with 1 plate positions	16 wells with 1 plate positions	96 wells with 3 plate positions		
Washing Plate Positions	1	1	3	3	6
Washing Buffer Channels	≥ 2	≥ 3	≥ 3	≥ 3	≥ 6
Residual Volume	$\leq 1\mu\text{l/well}$	$\leq 1\mu\text{l/well}$	$\leq 1\mu\text{l/well}$	$\leq 1\mu\text{l/well}$	$\leq 1\mu\text{l/well}$
Washing Modes	Dispense - aspirate, overflow washing, crosswise aspiration with selectable injection height, soak time and final aspiration.				
Washing Plate Module	Fully open system, self-define program.				



ADC ELISA 400

CE



ADC ELISA 600

CE



ADC ELISA 1100

Model	ADC ELISA 180	ADC ELISA 200	ADC ELISA 400	ADC ELISA 600	ADC ELISA 1100
Tip Carrier	1(192)	1(384)		1(384)	2(768)
Needle Stripper	1	1	1	1	2
Barcode Scanner	Manual barcode scanner as option	Manual barcode scanner as option	Manual barcode scanner as option	Automatic barcode scanner as factory option Automatic barcode scanner as standard.	Barcode scanner as factory option Automatic barcode scanner as standard.
Software	Windows® based control software ADCstation preconfigured to the individual system configuration Addcare Automated Control systems.				
Optional Configurations	/		Different specifications of tip carrier, tube carrier, etc..		
Environmental Conditions	Operating temperature: 18 - 25°C, Humidity: 30 - 60% non condensing		Operating temperature: 15 - 35°C, Humidity: 30 - 80% non condensing.		
Power	Consumption: 300VA, Voltage: 220V ± 10%, Frequency: 50-60Hz (standard configuration)		Consumption: 500-700W, Voltage: 220V, Frequency: 50-60Hz (standard configuration) System will be pre-configured according to the requirements in the specific country.		
Dimensions WxDxH mm	645 x 450 x 680	1290×845×1000	1530×875×1740	1955×920×1740	3460×920×1740
Weight Kg	50	240	400	500	900

Ordering Information

Catalogue No.	ADC ELISA 180	CE
Catalogue No.	ADC ELISA 200	CE
Catalogue No.	ADC ELISA 400	CE
Catalogue No.	ADC ELISA 600	CE
Catalogue No.	ADC ELISA 1100	



Fully automated CLIA workstation



ADC CLIA 200



ADC CLIA 400/800

Features:

- High speed and throughput
- Convincing performance
- Benchtop and cabinet design
- Flexible workbench setup
- Intuitive and flexible software
- Cost-effective

Standard Configurations addcare AIW

Model	ADC CLIA 200	ADC CLIA 400	ADC CLIA 800
Design	Benchtop	Cabinet	Cabinet
Pipetting channels	2	4	8
Worktable size WxD mm	1085 x 580	1315 x 730	1315 x 730
Tube carriers (samples)	6 (144 tubes)	8 (192 tubes)	8 (192 tubes)
	Each standard sample tube carrier can hold up to 24 tubes with a diameter of 12mm		
Plate carriers	4 shaker incubators + 1 ambient (optional)	9 shaker incubators	16 shaker incubators
Microplate washer	8-well washer 16-well(optional)	96-well washer	96-well washer
Tip racks	1 tip rack holding up to 4 sets of 96 tips (up to 384 tips in total)		
Tip ejection station	With a waste container installed below the worktable		

Ordering Information

Catalogue No.	ADC CLIA 200
Catalogue No.	ADC CLIA 400
Catalogue No.	ADC CLIA 800



Fully automated CLIA workstation iTube 1000

CE

Features:

- Efficient cleaning: self-developed vortex mixing system with better separation and cleaning performance
- Contamination avoidance: orbital injection, the sample needle uses a disposable tips to avoid cross-contamination
- Smart and efficient: table-top design supports simultaneous on-machine inspection of multiple items, and the inspection rate can reach 100 tests/hour
- Information intelligence: full touch screen configuration, with experimental operation log, trace the whole process of the experiment, can be connected to the LIS system
- Variable items: comprehensive testing items cover more than 100 biomarkers such as cardiac markers, inflammation, thyroid function, bone metabolism, anemia, etc.

Standard Configurations

Detection principle	Direct chemiluminescence
Test speed	100 tests/hour
Sample type	Serum and plasma
Sample positions	32
Reagent positions	15
Incubation reaction positions	60
Detection mode	Random, batch, emergency
Dimensions	800mm*700mm*740mm

Ordering Information

Catalogue No.	iTube 1000	CE
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Fully automated CLIA Workstation iTube 3000

CE

Features:

- Complete independent intellectual property rights
- High speed and simplify operation. Advanced Acridinium Ester Flash method
- Random, Batch and STAT test modes, 24 hours standby time
- Test Throughput up to 200 tests per hour
- Time to first result: 18 minutes
- Disposable pipetting tips eliminate any risk of Cross Contamination. Permanent reagent probe provides accurate, reliable and safe liquid transfer
- Barcode recognition sample function connected to Hospital LIS/HIS system to realize, It can achieve fast detection with stable results and high sensitivity
- Rotating shaking washing mode effectively avoids the magnetic particles clotting during washing

Standard Configurations

Model	iTube 3000
Design	Cabinet
Transfer arm	1
4D Transfer arm	1
Troughputs	200 Test / hour
Time to first result	18 minutes, depends on assay
Assay technology	Acridinium Ester Chemiluminescence

Sample transfer module

Sample pipetting channel	1
Sample type	Serum/Whole blood
Sample position	5*24=120 Samples
Sample pipetting tips	200ul Disposable Tips
Pipette tips precision	CV≤1%@50ul
Sample pipette range	10-200ul, Increment: 1ul

Reagent module

Reagent probe channel	1
Reagent position	4*30=120
Reagent probe pipette precision	CV≤1%@100ul
Reagent pipette range	20ul-350ul, Increment: 1ul

Others

Reading	1S
Software	LIS/HIS system through a standardized laboratory data exchange format

Reaction module

Reaction position	155(60+50+45)
Reaction cuvettes	60
Reaction bath	Air & Metal bath
Reaction temperature	37°C ± 0.5°C

Ordering Information

Catalogue No.	iTube 3000	CE
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Diagnostic kits

TUMOR MARKER	AFP	CEA	NSE
	CA125	CA15-3	CA19-9
	PGI	PGII	β 2 MG*
	PACP*	HCG*	CT*
	HE4	Fer	tpSA
	fPSA	CYFRA21-1	SCC
	CA242	CA50	CA72-4
	S100*	PRL*	β -HCG*
	ProGRP		
THYROID	TT3*	FT3	TT4
	FT4	TSH	TG-Ab
	TPO-Ab		
INFLAMMATION	PCT	CRP	SAA
	IL-6		
ANEMIA	Fe	FA	VB12
Bone Metabolism	PTH	250H VD	
CARDIAC MARKER	cTnl*	Myo*	CK-MB*
	NT-proBNP*	h-FABP	MPO
	HBsAg		
INFECTIOUS DISEASE	HBsAg	Anti-HBs	HBeAg
	Anti-HBe	Anti-HBc	Anti-HCV
	Anti-TP	Anti-TP	
DIABETES	INS	C-P	Anti-IA2
	INS-Ab	ICA	GAD-Ab
FERTILITY/HORMONE	LH	FSH	FE3
	E2	HCG	PROGESTERONE
	TESTOSTERONE	PAPP-A	GH
AUTOIMMUNITY	Anti-Histones	Anti-Sm	Anti- β 2-GP1
	Anti-Cardiolipin	Anti-dsDNA	Anti-N ucleosomes
	Anti-GBM	Anti-Keratin	Anti-RF
	Anti-PF	Anti-PR3	Anti-MPO
	Anti-M2-3E	Anti-Jo-1	Anti-PM-Scl

* * * is marked as certified products, and the other products are at the stage of registration.



Vacuum Tube Labeling System Rodeman

Features:

- Intelligent test tube collection management system
- Intelligent selection and recognized the tubes
- Automated barcodes printing & sticking
- Visualization 10.1" LCD touch screen
- Automated to process after one-touch operation
- Blood collection tube & special testing liquid
- Connected calling & queuing system and LIS / HIS system
- Benchtop design, compact and easy to use

Technical Parameters

Number of channels	10
Number of test tubes	300
Test tube diameter rang	13mm
Recognized colors	≥10
Outlet speed	5S / tube, covering the original label
Other special functions:	Special tube type can be labeled manually When there is no test tube in each channel, it can automatically alarm

Standard Configurations

Model	Rodeman
Typical throughput	up to 720 pcs/hour
Sample tube capacity	30X10=300 pcs (30 samples for each rank, standard tube diameter 13mm)
Printer	2 units thermal printer
Each barcode size	50mm(W) X 30mm(H)
Barcode quantity	1000 pcs/roll
Test tube size	13mm(D)X75mm(H) / 13mm(D)X100mm(H)
Power	Voltage:220V Frequency:50HZ
Size	556mm(L) X 433mm (W) X 510mm (H)
Weight	28 Kg
Certification	ISO 13485:2003 ISO9001:2008
Application	Automated identify tube colors. Automated recognize the tube existence or not all the time. Support automated printing under connection of HIS LIS system. Support manual printing under no HIS LIS system. Support history record reprinting.

Ordering Information

Catalogue No.	Rodeman	CE
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**Features:**

- Stable and reliable performance
- Disposable tips to avoid contamination
- Emergency priority treatment function
- Available to connect with LIS/HIS
- Friendly human-computer interaction
- Advanced RFID technology which can easily bind with the sample information

Automated liquid handling system

LineTo-3000C & LineTo-2000D

Technical Parameters

Sample tube capacity:	12*75 (2ml) and 12*100 (5ml) blood collection tube
Consumable:	12*100PET test tube/ 50*30 label paper, Maximum diameter of the paper roll: 120mm 800ul disposable tip
Processing speed:	Throughput: 800 samples/hour Centrifuge: maximum 600 samples/hour (2 centrifuges), Decap: 800 samples/hour Cups: 140 samples/hour (1 original tube and 2 sub-tubes)
Centrifuge:	Speed: 350-3500rpm/min Centrifugal force: maximum 2450g Timer range: 1 min~99 h 59 min Temperature setting range: 10~25°C Temperature deviations: ±2°C

Ordering Information

Catalogue No.

LineTo-3000C & LineTo-2000D



Automated liquid handling systems

SPS 1000

- **SPS-1000** is an automated liquid handling system that can be used in immune experiment, PCR pretreatment, bioengineering, drug screening, and sample processing of clinical test and blood station system.

Features:

- High speed and throughput
- Convincing performance with high accuracy
- Benchtop design
- Flexible workbench setup
- Intuitive and flexible software
- Cost-effective

Technical Parameters

Sampling arm :	The independent sampling channel and disposable TIPS are used to avoid cross contamination Have the function of liquid level, clot, empty pipe detection, pre-dilution function and give an alarm when an abnormal state occurs
Carrier position:	With a 11-position standard 96-hole plate frame, the board position function can be adjusted flexibly
Spin run area :	Have the function of spin run detection
Sample pipetting tips :	Disposable tips
Model and specification :	50UI, 200ul general purpose (with filter element)
Operating system :	An external computer, supporting Windows 7 / 8 / 8.1/10 operating system
Power requirements :	220±10%V 50Hz
Equipment dimension :	650mm*544mm*541.5mm (Length * width * height)

Standard Configurations

Model	SPS 1000
Sampling system	<ul style="list-style-type: none"> • Independent sampling channel with a sampling volume range of 0-1000ul • Sampling precision: CV≤0.75% (100ul sampling volume) • Adopting the principle of pneumatic displacement sampling, the disposable TIPS is used to avoid cross contamination • It has the function of real-time monitoring TIPS and detecting liquid level, clot and bubble, as well as alarm function
Platform module	<ul style="list-style-type: none"> • With a 11-position standard 96-hole plate frame, the board position function can be adjusted flexibly • Built-in needle remover ensures run without jam • Customized reagent carrier to meet different requirements
Control system	<ul style="list-style-type: none"> • User-friendly interface (in Chinese and English) offers wizard operation • Open software platform • The software interface runs and refreshes synchronously with the equipment and visually displays the running status • During the experiment, the function of pause and termination is available, and the experiment can be continued or rerun • Advanced parallel CAN bus and PLC intensive control technology

Ordering Information

Catalogue No.	SPS 1000
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04 Molecular Diagnostic

4.1 Nucleic Acid Extraction

Fully Automated Nucleic Acid Extractor

- 4.1.1 Nexor 32M CE
- 4.1.2 Nexor 96 CE
- 4.1.3 ADC CH616
- 4.1.4 ADC CH196 CE
- 4.1.5 Nucleic Acid Automatic Extraction System (NA4424) CE

4.2 Nucleic Acid Extraction or Purification Kit

- 4.2.1 Nucleic Acid Extraction or Purification Kit CE
- 4.2.2 Nucleic Acid Extraction or Purification Kit (Manual method) CE

4.3 Real-Time PCR System

- 4.3.1 Real-Time PCR System Leppen-96 CE

Diagnostic Kits

- 4.3.2 CYP2C19 Gene Mutation Detection Kit CE
- 4.3.3 CYP2C9 Gene Mutation Detection Kit CE
- 4.3.4 VKORC1 Gene Mutation Detection Kit CE
- 4.3.5 ALDH2 Genetic Polymorphism Detection kit CE
- 4.3.6 MTHFR Gene Mutation Detection Kit CE
- 4.3.7 Nucleic acid detection kit for microdeletion in the AZF region of human Y chromosome
- 4.3.8 Acridine orange
- 4.3.9 SeqType® Sequencing STR Typing Kit Series

4.4 Disposable Sample Collection Kit

- 4.4.1 Disposable Sample Collection Kit

4.5 Diagnostic Kit for Methylated Genes of cancer

- 4.5.1 Diagnostic Kit for Methylated Genes of Colorectal Cancer (Real Time PCR) CE
- 4.5.2 Diagnostic Kit for Methylated Genes of Lung Cancer (Real Time PCR) CE
- 4.5.3 Diagnostic Kit for Methylated Genes of Breast Cancer (Real Time PCR) CE
- 4.5.4 Diagnostic Kit for Methylated Genes of Gastric Cancer (Real Time PCR) CE

**Features:**

- Independent intellectual property
- Visualization 7-inch lcd touch screen operation interface
- Automated to process after one touch operation
- Benchtop design, compact and easy to use
- 32 Magnetic bar throughput
- Double negative pressure fans forming a negative pressure zone
- Open platform, wide application range and high compatibility with vast majority of tests

Fully automated nucleic acid extractor Nexor 32M

CE

Standard Configurations

Model	Nexor 32M
Typical Throughput	1-32 units
Sample Volume	10-1000ul
Recovery rate of magnetic beads	>95
Plate Type	96 deep-well Plate
Microplate Racks	2 units
Heating Control	Room Temperature to 100 °C
Shaking Mode	Multiple shaking mode with adjustable frequency and amplitude
Disinfection	Ultraviolet Light
Application Management	Creating, editing and deleting protocol
Operation Interface	LCD touch screen
Dimensions	423*360*340mm

Ordering Information

Catalogue No.	Nexor 32M	CE
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Features:

- Proprietary intellectual property rights
- One-click operation interface with minimalist design
- Space-saving outfit and lightweight texture
- Maximum 96 units throughput, improve detection efficiency
- Drip proof design for accurate results
- Intelligent auto magnetic bar throughput system
- Open platform, wide application range and high compatibility with vast majority of tests

Nexor 96

CE

Standard Configurations

Model	Nexor 96
Typical Throughput	1-96 units
Sample Volume	10-1000ul
Recovery rate of magnetic beads	99%
Precision (difference between wells)	<2%
Operation noise	<70dB
Plate Type	96 deep-well Plate
Microplate Racks	8 units, rotary structure
Heating Control	Room temperature to 100°C
Shaking Mode	Multiple shaking mode with adjustable frequency and amplitude
Disinfection	Timing Ultraviolet Light
Application Management Operation	Creating, editing and deleting protocol
Operation Interface	7" LCD touch screen
Dimensions	835*620*480

Ordering Information

Catalogue No.	Nexor 96	CE
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DNA extraction & PCR preparation ADC CH616

Features:

- Reliable liquid- and plate handling technology
- Convincing performance
- Compact bench top design
- Intuitive and flexible software

Standard Configurations

Model	ADC CH616
Design	Benchtop design
Capacity	1-48 samples (tube \varnothing 12 - 13mm, standard configuration)
Working platform	Flexible setup. Loading positions can be assigned to samples or reagents
Liquid handling system	Common X - movement. Channel spacing between adjacent channels: 9 to 22mm for 4 channel. Equidistant channel spacing. Independent, simultaneous vertical tip movement. Position increment: $\Delta X, \Delta Y$ and $\Delta Z = 0.01\text{mm}$
Piercing	Sealed plates can be pierced using the pipetting system and standard pipetting tips
Tip rack	4 x 96 tips
Samples Volume	500ul
Elution volume	80ul
Cooling block	3 - For PCR reagents, Eluted DNA/RNA and PCR plate
Heating shaker	3 - Controlled between ambient temperature and 105 °C, adjustable at an increment of 0.1°C
Accuracy	$\pm 0.5^\circ\text{C}$ @ 37°C
Plate transfer system	Transfers plates between incubators and magnetic particle separator and places and removes plate covers.
Barcode reader	2 - For samples and reagents
UV Lamp	3 - For maximum efficiency over the whole worktable

Ordering Information

Catalogue No.	CH616
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Fully Automated Nucleic Acid Extractor ADC CH196

CE

Features:

- Independent intellectual property right and user-friendly design
- Adjustable fast cooling module and incubation module
- The automatic loading function of the magnetic rod sleeve avoids the contamination of consumables caused by manual loading
- With anti-drop design of magnetic beads, liquid splashing can be prevented to ensure the reliability of experimental results
- Regular ultraviolet disinfection and sterilization of work area to ensure biological safety; the function of cleaning waste tips provided to reduce waste pollution
- Due to an open platform management, the reagent has a wide range of applications and suits most of the same kind of detection on the market

Standard Configurations

Model	ADC CH196
	4 pipetting channels
	1 intelligent gripper
	20×5=100 rail samples position
	Rail reagent carrier (multi-functional extraction reagent positions can be customized)
	Tip carrier (200µl and 800µl sampling tips can be set)
	1X96 extraction module, with shaking and heating functions
	Barcode scanner (sample/deep well plate)
	Incubation temperature: RT-100C Kits cooling temperature: 2-8C

Ordering Information

Catalogue No.	CH196	CE
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**Features:**

- Automatic instrument
- DNA extraction, Purification and Sulfite Conversion
- Total processing time: 5-7h
- Sample throughput: 1-32 samples
- Sample Type: Plasma

Nucleic Acid Automatic Extraction System (NA4424)

CE

General specification

General Specifications	
Power supply	220V,50Hz
Power	800VA
Storage and transportation conditions	-40°C to +55°C , transport package
Pipette	Accuracy: 100μL ± 2μL Repeatability: ≤3.0%
Temperature control	Temperature control range: 85°C ±1.0°C Ambient temperature: 10°C ~30°C Relative humidity: ≤70% Atmospheric pressure: 86kPa-106kPa Altitude≤2000m
Operating conditions	Keep away from the sources of strong electromagnetic interference Avoid direct exposure to strong light Have a good grounding environment Power-on preheating time: ≥30min For indoor use only

Ordering Information

Catalogue No. Nucleic Acid Automatic Extraction System(NA4424) CE



Nucleic Acid Extraction or Purification Kit (extraction kits for automated NEXOR 32M)

CE



Nucleic Acid Extraction or Purification Kit (extraction kits for automated NEXOR 96)

CE



Nucleic Acid Extraction or Purification Kit (Manual method)

CE

Features:

- Reliable
- Convincing performance
- Fast
- Rapid, effective and sensitive purification by unique separation function with silicon magnetic beads and buffer system;
- DNA ready for PCR, RT-PCR, enzyme cutting, reverse transcription, Southern blot and other downstream applications
- Suitable specimen types: whole blood, tissue homogenate, swab, serum, plasma, alveolar lavage fluid and etc;

Standard Configurations

Model	Nexor 32M	Nexor 96
qMag-RNA	16T/plate×6, applicable to Nexor 32 nucleic acid automatic extraction system	96T/plate, applicable to Nexor 96 nucleic acid automatic extraction system
qMag-RNA	16T/ sample extraction plate X6	Component 96 T / sample processing plate x 1 ; 96 T / magnetic bead plate x 1 ; 96 T / magnetic sleeve x 1 ; 96 T / eluent plate x 1 ;
Main Component	Magnetic bead suspension; Elution buffer BP; Wash buffer I; Wash buffer II; Eluent;	

Standard Configurations

Model	Nucleic Acid Extraction or Purification Kit (Manual method)
Component	Buffer BP Washing buffer I/Washing buffer II/RNase free H ₂ O/Beads suspension
Spec. & Qty.	20mL/vial×1 16mL/vial×1/12mL/vial×1/5mL/vial×1/0.5mL/vial×1
Ingredients	Guanidine isothiocyanate , Triton X-100, 2-mercapto-Ethanol , SDS, Iso-Propyl alcohol, Trisodium citrate dihydrate DEPC water / Magnetic bead

Ordering Information

Catalogue No.	Nucleic Acid Extraction or Purification Kit (extraction kits for automated NEXOR 32M)	CE
Catalogue No.	Nucleic Acid Extraction or Purification Kit (extraction kits for automated NEXOR 96)	CE
Catalogue No.	Nucleic Acid Extraction or Purification Kit (Manual method)	CE

**Features:**

- Economic
- Practical
- Stable and accurate heating and temperature control system
- Excellent optical system
- Powerful comprehensive performance

Real-Time PCR System Lepgen-96

CE

Standard Configurations

Model	Lepgen-96
Capacity	-96x 0.2ml tubes (low profile and standard) - slides tube -1x 96-well microplate
Dynamic range	1~1010 Copies
Applied probe	1st channel: FAM/ SYBR-Green 2nd channel: HEX, JOE, VIC, TET 3rd channel: ROX Texas -Red 4th channel: CY5
Test method	four-fold fluorescence detection
Thermal cycle temperature control	semiconductor thermoelectric module
Temperature Range	4.0°C - 99.0°C
Heating and cooling Rate	≥1.5°C/sec
Thermal Accuracy	≤0.5°C (at 90°C)
Thermal Uniformity	≤0.5°C (at 90°C)
Hot cover temperature range	50°C - 108°C
Optical detection excitation wavelength	300-800nm
Detection wavelength	500-800nm
Fluorescence repeatability	CV≤ 3%
Fluorescent linearity	r≥0.99 coefficient of correlation
Software application	genotyping by qualitative, absolute quantitative, standard solution curve, relative quantitative and end point method
Scanning method	full plate, specified rank scanning
Data export format	Excel, CVS
Custom report form	support
The operating system	Window 7/8.1/10
Minimum computer configuration	Intel or AMD Dual-2.8GHz, more than 4G memory and 128GB
Power Supply	AC 220V~, 50Hz, <800VA
Communication Ports	RS232, USB
Size	490mmX355mmX284mm
Weight	20Kg



Diagnostic kits

Reagent test kit
CYP2C19 Gene Mutation Detection Kit
CYP2C9 Gene Mutation Detection Kit
VKORC1 Gene Mutation Detection Kit
ALDH2 Genetic Polymorphism Detection Kit
MTHFR Gene Mutation Detection Kit
Nucleic acid detection kit for microdeletion in the AZF region of human Y chromosome
Acridine orange
SeqType® Sequencing STR Typing Kit Series

* A lot of detection kits are coming soon, including respiratory pathogen kit for 11 virus, hepatitis kit for 5 virus, genital infection kit, ect.

Ordering Information

Catalogue No.	Real-Time PCR System	CE
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**Features:**

- Virus inactivation:
Inactivate sample virus quickly to avoid potential biosafety hazard
- Nucleic acid storage: rapid sample of viral nucleic acid can be properly kept for a long time
- Avoid lysis: achieve automatic virus lysis after the addition of sample, facilitating extraction and purification

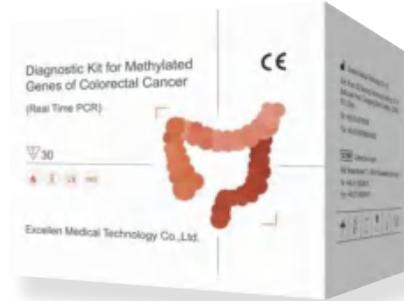
Disposable Sample Collection Kit

Standard Configurations

Model	Disposable Sample Collection Kit
Component name	Sampling swab /Preservation tube (including /Sample preservation solution
Quantity	1/1/2.5
Specification / unit	Piece /Piece /mL
Note:	The virus sample preservation solution is stored in the preservation tube. The product is not provided aseptically

Ordering Information

Catalogue No.	Disposable Sample Collection Kit
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Diagnostic Kit for Methylated Genes of Colorectal Cancer (Real Time PCR)

CE

Diagnostic Kit for Methylated Genes of Colorectal Cancer is a qualitative assay for the real-time PCR detection of methylated genes which correlated to colorectal cancer. DNA in bisulfite converted DNA from human plasma sample. Presence of methylated genes are associated with, and may aid in, the detection of colorectal cancer.

Features:

- Early: Monitoring early stage of cancer
- Safe: Blood test, non-invasive, no side effect
- Convenient: No changes to your diet or medication
- Effective: Clinical performance have a sensitivity at 85.01%, specificity at 94.41%

Application

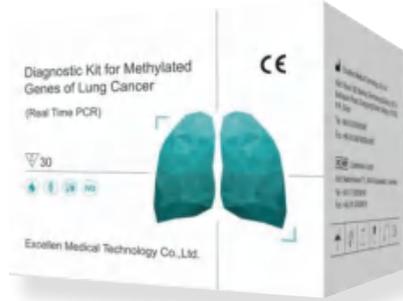
Detection of early colorectal cancer and precancerous lesions
 Follow-up and monitoring
 Prognostic evaluation
 Therapeutic assessment

The contents of the PCR Kits

Reagent	Containers	Volume	Storage Temperature
PCR reaction solution	2 tubes	0.6ml each	-25°C to -15°C
Primer mixture	1 tubes	0.24ml	-25°C to -15°C
Positive Control	1 tubes	4.2ml	-25°C to -15°C
Negative Control	1 tubes	4.2ml	-25°C to -15°C

Ordering Information

Catalogue No. Diagnostic Kit for Methylated Genes of Colorectal Cancer (Real Time PCR) CE



Diagnostic Kit for Methylated Genes of Lung Cancer (Real Time PCR)

CE

The Diagnostic Kit for Methylated Genes of Lung Cancer is a real-time PCR assay for the assessment of methylated DNA biomarkers in bisulfite-converted DNA (bisDNA) prepared from DNA extracted from plasma. The kit provides an aid in the diagnosis of lung cancer in patients at increased risk for the disease. Lung cancer risk factors include patient life history, and/or presentation with symptoms, and/or radiological findings in the lung.

Features:

- Early: Monitoring early stage of cancer
- Safe: Blood test, non-invasive, no side effect
- Convenient: No changes to your diet or medication
- Effective: Clinical performance have a sensitivity at 87.24%, specificity at 97.12%

Application

Auxiliary Diagnosis of early stage of lung cancer
 Differential diagnosis of benign and malignant pulmonary nodule
 Follow-up and monitoring
 Prognostic evaluation
 Therapeutic assessment

The contents of the PCR Kit

Reagent	Containers	Volume	Storage Temperature
PCR reaction solution	2 tubes	0.6ml each	-25°C to -15°C
Primer mixture	1 tubes	0.24ml	-25°C to -15°C
Positive Control	1 tubes	4.2ml	-25°C to -15°C
Negative Control	1 tubes	4.2ml	-25°C to -15°C

Ordering Information

Catalogue No. Diagnostic Kit for Methylated Genes of Lung Cancer (Real Time PCR) CE



05 Biochemistry

5.1 Fully Automatic Chemistry Analyzer

5.1.1 BC-600 €

5.2 Diagnostic Kits

5.2.1 Blood lipid and lipoprotein

5.2.2 Liver Function

5.2.3 Renal Function

5.2.4 Diabetes metabolism

5.2.5 Cardiac marker

5.2.6 Electrolyte

5.2.7 Gastrointestinal Function

5.2.8 Pancreatic Function

5.2.9 Coagulation Function

5.2.10 Immune Protein

5.2.11 Calibration Quality Control

5.2.12 Rheumatism



Fully Automatic Chemistry Analyzer (BC-600)

CE

Features:

- Quality-control, calibration and real-time. Automatic cleaning to prevent pollution
- Integrated liquid-level detection and probe to prevent injection pollution
- Automatic and integrated design with accuracy and reliability. Space-saving and cost-effective design
- Real-time insertion of emergency samples. Separate stirring for thorough mixing
- Humanized operation and optimized traceability

Standard Configurations

Main Indicators

Test speed: 600T/hour

Wavelength range: flat image field grating-type optical splitting system, 12 wavelengths for simultaneous photometric collection and processing

Measurement methods: 1-point endpoint method, 2-point endpoint method, 2-point rate method, rate A method

Constant-temperature system: constant-temperature water circulation

Appearance: about 300kg, 1088mm*798.5mm*1225mm

Sampling system

Sample positions: 115 sample positions (50 conventional samples, 34 calibration products, 20 emergency treatment samples, 8 quality control products, 3 cleaning fluids), 25 of which have a refrigeration function, suitable for using sample tubes of different specifications in the sample positions for calibration and quality control.

Sample types: serum, plasma, urine, and cerebrospinal fluid, etc.

Sample size: 2 μ L-35 μ L (0.1 μ L stepping)

Reagent system

Reagent positions: dual reagent compartments, each with 45 reagent positions, with refrigeration function

Reagent size: 20 μ L-350 μ L (1 μ L stepping)

Reagent storage temperature: 4-12°C

Analysis system

Cuvette form: discrete

Quality control: double concentration method for real-time quality control, intraday quality control, and inter-day quality control

Automatic cleaning: automatically cleans the reaction cup, sample needle, reagent needle, and the stirring rod

Reaction temperature: 37°C

Diagnostic kits & Ordering Information

Blood lipid and lipoprotein		
TG		HDL-C
CHOL		LDL-C
APOA1		ApoE
APOB		LP(a)
NEFA		PLIP
Liver Function		
TBA		AST
ALT		GGT
ALP		ALB
TP		DBIL
TBIL		5'-NT
ADA		
Renal Function		
UREA		CHE
UA		MAO
CRE		AMM
NAG		m-AST
CYS-C		GPDA
BMG		LAP
MALB		RBP
AMG		CSF
Diabetes Metabolism		
GLU-HK		D3HB
HbA1c		GSP
INS		

Detection platform

Catalogue No.	BC-600
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06 COVID-19

6.1 SARS-CoV-2 Test Kits

- 6.1.1 SARS-CoV-2 Antigen Rapid Test Kit (Colloidal Gold Immunochromatography) €€
- 6.1.2 SARS-CoV-2 Antigen Rapid Test Cassette (Colloidal Gold Immunochromatography) €€
- 6.1.3 SARS-CoV-2 Antigen Rapid Test kits for self-testing (Colloidal Gold Immunochromatography) €€
- 6.1.4 SARS-CoV-2 Antibody Test Kit (Colloidal Gold Immunochromatography) €€
- 6.1.5 SARS-CoV-2 Nucleic Acid Test Kit (PCR-Fluorescence Probe Method) €€
- 6.1.6 2019-nCoV Neutralization Antibody Test Kit (Fluorescence Immunochromatography) €€
- 6.1.7 2019-nCoV Neutralization Antibody Test Kit (Colloidal Gold Immunochromatography) €€
- 6.1.8 2019-nCoV Neutralization Antibody Test Kit (Elisa) €€
- 6.1.9 2019-nCoV Neutralization Antibody 2nd Gen Rapid Test Kit (Colloidal Gold Immunochromatography) €€
- 6.1.10 2019-nCoV Antigen, Influenza A Virus Antigen, Influenza B Virus Antigen Detection Kit (Colloidal Gold Immunochromatography) €€



Features:

- Non-invasive
- Simple to use
- Convenient, no devices required
- Rapid, get result in 15 minutes
- Stable, with high accuracy
- Inexpensive, cost-efficiency

SARS-CoV-2 Antigen Rapid Test Kit (Colloidal Gold Immunochromatography)

CE

Instruction

Step 1:

- Use swab to collect sample.

Step 2:

- Peel off adhesive.

Step 3:

- Insert swab from well B to well A.

Step 4:

- Add 6drops of buffer to well A rotate the shaft,two rounds each direction.

Step 5:

- Fold left side over,and wait for 15 minutes.

Result Interpretation

Positive



Negative



Invalid



Ordering Information

Catalogue No.

SARS-CoV-2 Antigen Rapid Test Kit

CE



Features:

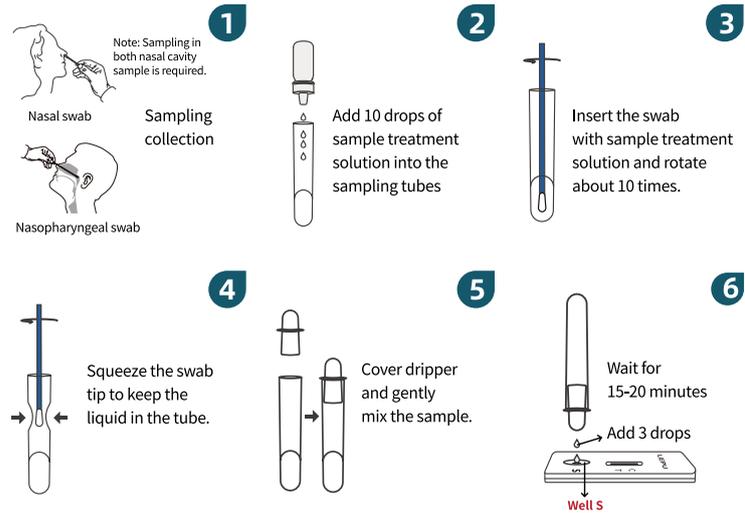
- Non-invasive
- Simple to use
- Convenient, no devices required
- Rapid, get result in 15-20 minutes
- Stable, with high accuracy
- Inexpensive, cost-efficiency

SARS-CoV-2 Antigen Test Cassette (Colloidal Gold

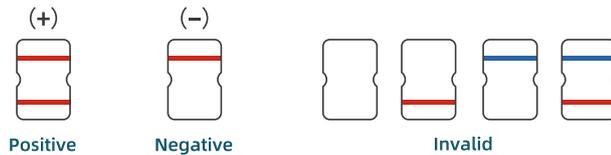
Immunochromatography)



Operating Steps



Result Interpretation



Ordering Information

Catalogue No.

SARS-CoV-2 Antibody Test Cassette

CE



Features:

- Non-invasive
- Simple to use
- No prescription needed
- Rapid, get result in 15 minutes
- Stable, with high accuracy
- Inexpensive, cost-efficiency

**SARS-CoV-2
Antigen Test Kits
(For Self-testing)
(Colloidal Gold
Immunochromatography)
CE**



Swab



buffer



Operation Card



Swab



buffer

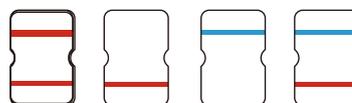


Operation Card

**SARS-CoV-2
Antigen Test Kits
(For Self-testing)
(Colloidal Gold
Immunochromatography)
CE**

Result Interpretation

Positive Negative Invalid

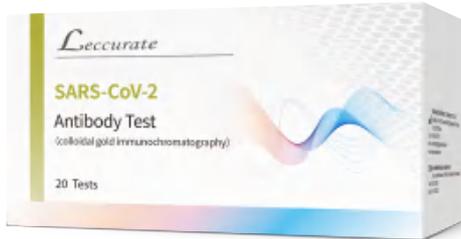


Ordering Information

Catalogue No.

SARS-CoV-2 Antigen Rapid Kits (For Self-testing)

CE

**Features:**

- **Accurate:** High-purity antibody with high accuracy
- **Efficient:** Test result is available in 15mins
- **Convenient:** Serum/plasma/whole blood

SARS-CoV-2 Antibody Test Kit (Colloidal Gold Immunochromatography)

CE

[Sample Type] Whole blood / Plasma / Serum

[Sample Volume] 20ul / 10ul / 10ul

[Reaction Time] 15mins

[Packing Size] 20 tests per box

[Storage Condition] 4°C ~ 30°C

[Shelf Life] 12 months

Ordering Information

Catalogue No.

SARS-CoV-2 Antibody Test Kit

CE



SARS-CoV-2 Nucleic Acid Test Kit (PCR-Fluorescence Probe Method)

CE

Features:

- **Reliable**
Limit of Detection:100copies/25 μ Specificity:100%
- **Fast**
2 mins manually, Results within 88 mins

Standard Configurations

Number of Test / Kit	24 tests
Sample Type	Oropharyngeal swabs, Nasopharyngeal swabs
Acceptable Real-time PCR System	LEPU Lepgen-96, Roche LightCycler 480 series Bio-Rad CFX96
Reagent Preparation Condition	4 weeks at 2°C ~8°C
Reagent Storage Condition	6 months at -25°C ~ -15°C The freeze/thaw cycles should not exceed five times

Key Components

Component	Qty.	Volume	Ingredients
Cov-PCR Reaction Liquid	1	460 μ l/vial	ORF1ab and N genes primer and probe, Internal control RNaseP gene primer and probe, Deoxyribonucleoside triphosphate
Cov-enzyme	1	24 μ l/vial	DNA polymerase, Reverse transcriptase, Recombinant RNase inhibitor.
Cov-Negative Control	1	420 μ l/vial	DEPC treated water
Cov-Positive Control	1	420 μ l/vial	ORF1ab and N genes, RNaseP gene armored RNA solution

Ordering Information

Catalogue No.	SARS-CoV-2 Nucleic Acid Test Kit (PCR-Fluorescence Probe Method)	CE
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2019-nCoV Neutralization Antibody Test Kit (Fluorescence Immunochromatography)

CE

Features:

- Accurate
- Reliable
- Efficient
- Convenient

Operation Steps

Step 1:

- Add two drops (about 20 μ l) of whole blood sample/ one drop (about 10 μ l) of serum or plasma sample to well A.

Step 2:

- Add three drops (about 100 μ l) of sample dilution to well B, and start timing.

Step 3:

- Wait for 15 minutes, insert sample into cartridge of immunoassay analyzer to read the results.



Step 1



Step 2



Step 3

Applicable Instrument: LEPU Fluo-800

Result Interpretation

Reference Range: Inhibition rate \geq 20%

- **Positive**
Inhibition rate \geq 20%, the sample contains 2019-nCoV neutralizing antibodies
- **Negative**
Inhibition rate \geq 20%, the sample does not contain the 2019-nCoV neutralizing antibodies or its content is below the limit of detection.
- **Invalid**
No fluorescent signal is detected

Ordering Information

Catalogue No.	2019-nCoV Neutralization Antibody Test Kit (Fluorescence Immunochromatography)	CE
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2019-nCoV Neutralization Antibody Rapid Test Kit (Colloidal Gold Immunoassay) CE

Features:

- **ACCURATE**
High-purity antibody with high accuracy
- **EFFICIENT**
Test result is available in 15 mins
- **CONVENIENT**
Suitable for serum/plasma/whole blood

Operation Steps

Step 1:

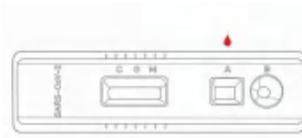
- Add two drops (about 20 μ L) of whole blood sample to sample well A with a dropper.

Step 2:

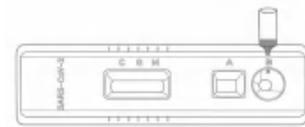
- Add three drops (about 100 μ L) of sample dilution to well B, and start timing.

Step 3:

- The test results should be read at 15 mins. Do not read the results after 20 mins.

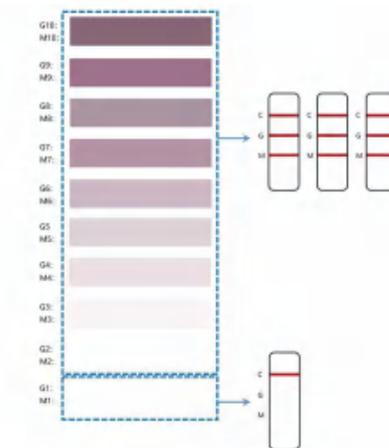


Step 1



Step 2

Result Interpretation



• Positive

Purple red band appears in quality control area (C) and M/G test area.

• Negative

Purple red band only appears in quality control area (C).

• Invalid

No purple stripe appears in the quality control area (C).

Ordering Information

Catalogue No.	2019-nCoV Neutralization Antibody Rapid Test Kit (Colloidal Gold Immunoassay)
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CE



2019-nCoV Neutralization Antibody Test Kit

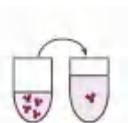
(ELISA)

CE

Features:

- High sensitivity (98.61%)
- High specificity (99.11%)
- Rapid results (Compared with PRNT)

Operation Steps



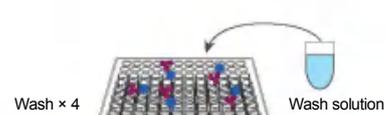
Dilution of HRP-RBD/Wash solution/ the sample/negative control/positive control



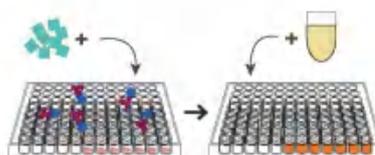
Dilution of HRP-RBD/Wash solution/ the sample/negative control/positive control



Reaction between HRP-RBD and ACE2 fixed on the Capture plate (37°C for 15 min)



Washing



Color development (37°C for 15 min) and reaction stop



Measurement: Measure the A value of each well.

Result Interpretation

- The negative/positive cutoff value of 2019-nCoV neutralizing antibody is judged by the inhibition rate. Inhibition rate = $(1 - \text{sample OD value} / \text{negative quality control OD value}) \times 100\%$
- Inhibition rate $\geq 20\%$ is positive, which means that the 2019-nCoV neutralizing antibody is detected
- Inhibition rate $< 20\%$ is negative, which means that the 2019-nCoV neutralizing antibody is not detected

Ordering Information

Catalogue No.	2019-nCoV Neutralization Antibody Test Kit (ELISA)	CE
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Features:

- Accurate
- Reliable
- Efficient
- Convenient

2019-nCoV Neutralization Antibody 2nd Gen Rapid Test Kit (Colloidal Gold Immunoassay)

CE

Operation Steps

Step 1:

- Add 20µl of whole blood sample/ 10µl of serum or plasma sample to well A.

Step 2:

- Add two drops (about 80µl) of sample dilution to well B, and start timing.

Step 3:

- The test results should be read at 15 mins. Do not read the results after 20 mins.



Step 1



Step 2

Result Interpretation



• Positive

The test area (T) is lighter than the quality control area (C), or only a purple-red band appears in the quality control area (C).



• Negative

The color of test area (T) is equal to or darker than that of quality control area (C).



• Invalid

There is no purple stripe in the quality control area (C).

Ordering Information

Catalogue No.	2019-nCoV Neutralization Antibody 2 nd Gen Rapid Test Kit (Colloidal Gold Immunoassay)	CE
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Features:

- 1 Sample, 3 targets
- Non-invasive
- Simple to use
- Convenient, no devices required
- Rapid, get result in 15 minutes
- Stable, with high accuracy

**2019-nCoV Antigen,
Influenza A Virus
Antigen, Influenza
B Virus Antigen
Detection Kit
(Colloidal Gold
Immunochromatography)**
CE

Operating Steps:



Step 1: Use swab to collect sample.



Step 2: Add 12 drops (480µL) of sample treatment solution to the tube.



Step 3: Place the swab into sample treatment tube, rotate it clockwise and counterclockwise for at least three cycles.



Step 4: Place the reagent card on a clean horizontal platform, add 8 drops or 320µL sample mixture to the sample hole.



Step 5: Wait for 15-20 minutes to get results.

Result interpretation



2019-nCoV Positive (+)



Influenza A Positive (+)



Influenza B Positive (+)



Influenza A, Influenza B Positive (++)



2019-nCoV Positive, Influenza A, Influenza B Positive (+++)



Negative (-)

Ordering Information

Catalogue No.

2019-nCoV Antigen Influenza A Virus Antigen, Influenza B Virus Antigen Detection Kit (Colloidal Gold Immunochromatography)

CE



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Ver.2022.11