



BIOANTIBODY



IN VITRO DIAGNOSTIC (IVD) **PRODUCT CATALOG**

— BIOTECH FOR A BETTER LIFE —

ABOUT BIOANTIBODY

Bioantibody is a national high-tech enterprise with exclusive patented monoclonal antibody development core technology, specializing in in vitro diagnostic raw materials, reagents and instruments.

- **Highly-integrated Portable Health Monitoring Workstation**
- **Deep Layout in Upstream of the Industrial Chain—Production of Core Raw Materials**
- **"Nanjing In Vitro Diagnosis Raw Material Engineering Technology Research Center"**



1,200+
IVD raw material customers

500+
IVD product customers

120+
Overseas customers

DEVELOPMENT PROCESS

2019

Bioantibody was established

2020

Our company was entitled as 'Innovative Small & Medium-sized Enterprise of Jiangsu Province'

GMP Plant of 2000 m² was constructed

2021

ISO13485:2016 Quality System Certification was achieved

CE (Communauté Européenne) Certification, MHRA Certification of England, MDA Certification of Malaysia, French Certification for Self-testing Products were achieved

High-tech Enterprise Certification was achieved

2022

A round of financing of around 100 million was achieved

2023

Jiangsu Province "Specialized, Specialized and New" Enterprises

Nanjing "Cultivate Unicorn" Enterprises

Nanjing Headquarter Building of 7000+ m² is in service

2024

The POCT instruments and test reagents have obtained NMPA, CE, MDA, MHRA and TFDA certifications.

CERTIFICATIONS



ISO13485



CE



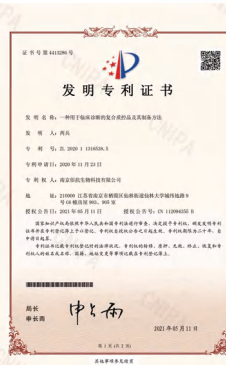
UKCA



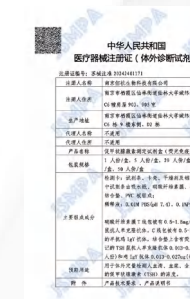
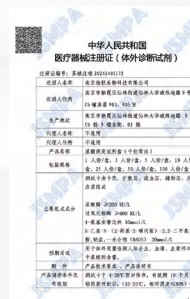
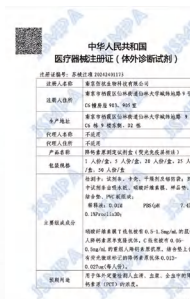
MDA



Partial Invention Patent Certificates

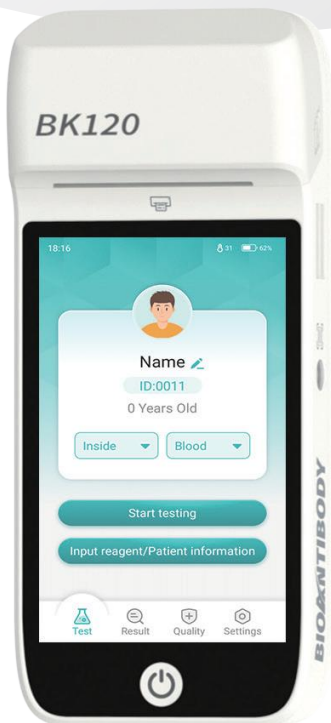


NMPA Certification



BK120

Handheld Biochemical Immunoassay Analyzer



PIONEERING IN HANDHELD POCT INSTRUMENTS

| | |
|--------------------|--|
| Device | Handheld Biochemical Immunoassay Analyzer BK-120 |
| Principle | Dry Chemistry/Immunofluorescence |
| Sample Type | Whole blood, serum, plasma, urine, capillary blood, etc. |
| Weight | 750 g |
| Size | 210 mm (length) × 90 mm (width) × 60 mm (height) |



Original Dual Methodology

Dry chemistry &
Immunofluorescence
Result obtained in **0.5-15** min



Comprehensive Test Items

Covering **10+** diagnostic category
Up to **150+** test items



Exclusive & Featured Items

GLU/HbA1c Cre/MAU
T-BIL/D-BIL/I-BIL
TP/ALB/GLB
AST/ALT FT3/FT4/TSH VD

| Category | Item | Sample Type | Time | Volume | Detection Range | Methodology |
|------------------|-------------------|------------------------|------------|--------|--|-------------|
| Cardiovascular | hs-cTnI | P/WB | 10 min | 80 µL | 0.02-50 ng/mL | IF |
| | cTnT | S | 10 min | 80 µL | 50-10000 pg/mL | IF |
| | cTnI/CK-MB/Myo | S | 10 min | 80 µL | cTnI: 0.1-40 ng/mL CK-MB: 2.5-80 ng/mL Myo: 30-500 ng/mL | IF |
| | D-Dimer | P/WB | 10 min | 80 µL | 0.1-10 µg/mL | IF |
| | NT-proBNP | S | 10 min | 80 µL | 50-30000 pg/ml | IF |
| | MYO* | S | 10 min | 80 µL | 30-600 ng/mL | IF |
| | CK-MB | S | 10 min | 80 µL | 2.5-80 ng/mL | IF |
| | cTnI/NT-proBNP* | S | 10 min | 20 µL | cTnI: 0.1-40 ng/mL NT-proBNP: 50-30000 pg/mL | IF |
| | cTnT/NT-proBNP | S | 10 min | 20 µL | cTnT: 50-10000 pg/mL NT-proBNP: 50-30000 pg/mL | IF |
| | HCY* | S/P/WB/CB | 10 min | 80 µL | 3-50 µmol/mL | DC |
| | BNP* | S | 10 min | 80 µL | 5-5000 pg/mL | IF |
| Inflammation | Hs-CRP+CRP | S/P/WB/CB | 3 min | 5 µL | CRP: 0.5-200 mg/L | IF |
| | PCT | S | 10 min | 80 µL | 0.1-100 ng/mL | IF |
| | SAA/CRP | S/P/WB/CB | 5 min | 5 µL | CRP: 0.5-200 mg/L SAA: 3-200 mg/L | IF |
| | PCT/IL-6 | S | 10 min | 80 µL | PCT: 0.1-100 ng/mL IL-6: 5-4000 pg/mL | IF |
| Thyroid Function | FT3 | S/P/WB/CB | 10 min | 50 µL | 1.5-50 pmol/L | IF |
| | FT4 | S/P/WB/CB | 10 min | 50 µL | 6.4-77.2 pmol/L | IF |
| | TSH | S/P/WB/CB | 10 min | 50 µL | 0.1-100 µIU/mL | IF |
| | FT3/FT4/TSH Combo | S/CB P/WB(EDTA) | 15 min | 50 µL | TSH: 0.1-100 µIU/mL FT4: 6.4-77.2 pmol/L FT3: 1.5-50 pmol/L | IF |
| | T3 | S | 10 min | 50 µL | 0.5-10 nmol/L | IF |
| | T4 | S | 10 min | 50 µL | 15-300 nmol/L | IF |
| Metabolism | 25-OH-VD | S/CB P/WB(Hep/CIT) | 15 min | 20 µL | 8-70 ng/mL | IF |
| Kidney Function | UA | S/CB P/WB(EDTA/Hep) | 30 s-3 min | 20 µL | 50-1190 µmol/L | DC |
| | UA/Cre/Urea | S/CB P/WB(EDTA) | 5 min | 50 µL | Urea: 0.9-35.7 mmol/L Cre: 30-1500 µmol/L UA: 50-1190 µmol/L | DC |
| | MAU | U | 5 min | 100 µL | 5-200 mg/L | IF |
| | Cre/MAU(2 in 1) | U | 5 min | 100 µL | Cre: 0.8-30mmol/L MAU: 10-200 mg/L | DC&IF |
| | Cre | S/CB P/WB(EDTA/CIT) | 5 min | 30 µL | 30-1500 µmol/L | DC |
| | CysC | S | 5 min | 5 µL | 0.2-8 mg/L | IF |

*Coming Soon

IF:Immunofluorescence; DC:Dry Chemistry

WB:Whole blood;S:Serum;P:Plasma;CB:capillary blood; U:Urine;F:Faeces
EDTA:EDTA anticoagulant ; Hep:Heparin anticoagulant ; CIT:Citrated anticoagulant

| Category | Item | Sample Type | Time | Volume | Detection Range | Methodology |
|----------------|------------------------|------------------------|------------|--------|---|-------------|
| Liver Function | ALT/AST | S/CB P/WB(CIT) | 5 min | 30 µL | 4-1000 U/L | DC |
| | T-BIL/D-BIL/I-BIL | S/CB/P/WB | 3 min | 30 µL | T-BIL:3-461-7 µmol/L D-BIL:1-462 µmol/L I-BIL:1-462 µmol/L | DC |
| | TP/ALB/GLB | S/CB/P/WB | 1 min | 40 µL | TP:20-110 g/L ALB:5-50 µmol/L GLB: 10-60 µmol/L | DC |
| | T-BIL | S/CB/P/WB | 1 min | 20 µL | 3-461.7 µmol/L | DC |
| | LDH* | S/P | 5 min | 20 µL | 60-600 U/L | DC |
| | AST/ALT/γ-GT* | S/P | 10 min | 50 µL | ALT:4-1000 U/L AST:4-1000 U/L γ-GT:3-1200 U/L | DC |
| | γ-GT* | S/P | 5 min | 20 µL | 3-1200 U/L | DC |
| | γ-GT/ALP* | S/P | 5 min | 30 µL | γ-GT:7-50 U/L ALP:38-126 U/L γ-GT/ALP:0.1-0.6 | DC |
| Pancreatic | LIP/AMY* | S | 5 min | 40 µL | LIP:20-6000 U/L AMY:5-1000 U/L | DC |
| Diabetes | GLU | S/CB P/WB(EDTA/Hep) | 30 s-3 min | 20 µL | 2-25 mmol/L | DC |
| | HbA1c | CB WB(EDTA/Hep) | 5 min | 10 µL | 4-14 % | IF |
| | GLU/HbA1c(2 in 1) | CB WB(EDTA/Hep) | 5 min | 20 µL | Glu: 2-25 mmol/L HbA1c: 4%-14% | DC&IF |
| | INS | S/P/WB/CB | 15 min | 20 µL | 0.2-1000 µU/mL | IF |
| | C-P* | S/CB/P/WB | 10 min | 80 µL | 0.003-13.3 nmol/L | IF |
| Blood Lipids | TG/HDL-C/ TCH/LDL-C | S/CB P/WB(EDTA/Hep) | 30 s-3 min | 40 µL | TG: 0.5-6 mmol/L HDL-C: 0.2-2.5 mmol/L TCH: 2.5-10.5 mmol/L | DC |
| | TCH | S/CB P/WB(EDTA/Hep) | 30 s-3 min | 20 µL | 2.5-10.5 mmol/L | DC |
| | TG | S/CB P/WB(EDTA/Hep) | 30 s-3 min | 20 µL | 0.5-6 mmol/L | DC |
| Fertility | β-HCG | S | 10 min | 5 µL | 5-10000 mIU/mL | IF |
| | PRL | S | 10 min | 50 µL | 1-200 ng/mL | IF |
| | FSH | S | 10 min | 20 µL | 1-100 mIU/mL | IF |
| | LH | S | 10 min | 50 µL | 1-100 mIU/mL | IF |
| | AMH | S | 10 min | 50 µL | 0.1-20 ng/mL | IF |
| | TES | S | 10 min | 50 µL | 0.2-15 ng/mL | IF |
| | E2 | S | 10 min | 50 µL | 9-3000 pg/mL | IF |
| | Prog | S | 10 min | 80 µL | 1.5-60 ng/mL | IF |
| Tumor Marker | fPSA | S | 10 min | 50 µL | 0.1-50 ng/mL | IF |
| | tPSA | S | 15 min | 10 µL | 2-80 ng/mL | IF |
| | CEA | S | 10 min | 20 µL | 2-1000 ng/mL | IF |
| | AFP | S | 10 min | 50 µL | 1-1000 ng/mL | IF |
| | FOB | F | 5 min | 50 mg | 20-1000 ng/mL | IF |

*Coming Soon

IF:Immunofluorescence; DC:Dry Chemistry

WB:Whole blood;S:Serum;P:Plasma;CB:capillary blood; U:Urine;F:Faeces

EDTA:EDTA anticoagulant ; Hep:Heparin anticoagulant ; CIT:Citrated anticoagulant

| Category | Item | Sample Type | Time | Volume | Detection Range | Methodology |
|--------------------|-----------------|------------------------|------------|--------|--|-------------|
| Tumor Marker | CA-125 | S | 10 min | 100 µL | 2-500 U/mL | IF |
| | CA-242* | S | 15 min | 20 µL | 2-500 U/mL | IF |
| | CA-50* | S | 15 min | 20 µL | 2-500 U/mL | IF |
| | CA19-9 | S | 10 min | 50 µL | 2-500 U/mL | IF |
| | CA15-3* | S | 15 min | 20 µL | 2-300 U/mL | IF |
| Digestive Diseases | HP ag | F | 10 min | 50 mg | 0.1-100 ng/mL | IF |
| | CAL | F | 10 min | 50 mg | 20-1000µg/g | IF |
| | PGII/PGII | S/P/WB/CB | 10 min | 50 µL | PGI:1.5-300 ng/mL PGII:1.0-100 ng/mL | IF |
| Infectious Disease | anti-HCV | S | 10 min | 50 µL | 1-1000 S/CO | IF |
| | Syphilis | S | 15 min | 100 µL | 1-50 S/CO | IF |
| | HBsAg | S | 10 min | 80 µL | 0.1-2000 IU/mL | IF |
| | HBsAb* | S/P/WB/CB | 10 min | 80 µL | 2-1000 U/L | IF |
| | Dengue NS1* | S | 10 min | 80 µL | 0.5-1000 ng/mL | IF |
| | Dengue IgM/IgG* | S | 10 min | 80 µL | 1-20 S/CO | IF |
| Anemia | HB | WB/CB | 1 min | 5 µL | 4.5-25.6 g/dL | DC |
| | Fer | S | 10 min | 20 µL | 10-1000 ng/mL | IF |
| | VB12* | S/P/WB/CB | 10 min | 80 µL | 100-2000 pg/mL | IF |
| | Fe* | S/P | 3 min | 20 µL | 2-80 µmol/L | DC |
| | Folate* | S | 10 min | 50 µL | 1-25 ng/mL | IF |
| Trace elements | Ca | S | 3 min | 20 µL | 0.25-3.49 µmol/L | DC |
| | Zn* | S | 3 min | 20 µL | 0.61-115.21 µmol/L | DC |
| | P* | S | 3 min | 20 µL | 0.3-6.0 mmol/L | DC |
| | Li* | S/P | 3 min | 20 µL | 0.2-2.5 mmol/L | DC |
| | Mg* | S/P/WB/CB | 3 min | 20 µL | 0.2-2.5 mmol/L | DC |
| | Na/K/Cl* | S/P/WB/CB | 3 min | 40 µL | Na:100-180 mmol/L K:1.5-8.0 mmol/L Cl:70-300 mmol/L | DC |
| Other | IgE | S | 10 min | 20 µL | 5-1000 IU/mL | IF |
| | GLU/UA/TG/TCH | S/CB P/WB(EDTA/Hep) | 30 s-3 min | 50 µL | GLU: 2-25 mmol/L UA: 50-1190 umol/L TG: 0.5-6 mmol/L TCH: 2.5-10.5 mmol/L | DC |
| | Cor | S | 10 min | 80 µL | 5-1000 nmol/L | IF |
| | Lactate* | S/P/WB/CB | 5 min | 20 µL | 0.3-25 mmol/L | DC |

*Coming Soon

IF:Immunofluorescence; DC:Dry Chemistry

 WB: Whole blood; S: Serum; P: Plasma; CB: capillary blood; U: Urine; F: Faeces
 EDTA: EDTA anticoagulant ; Hep : Heparin anticoagulant ; CIT : Citrated anticoagulant

BK150

Handheld Urine Analyzer



Easy to Operate

One-click Operation



Rapid Test

14 Items in 60s



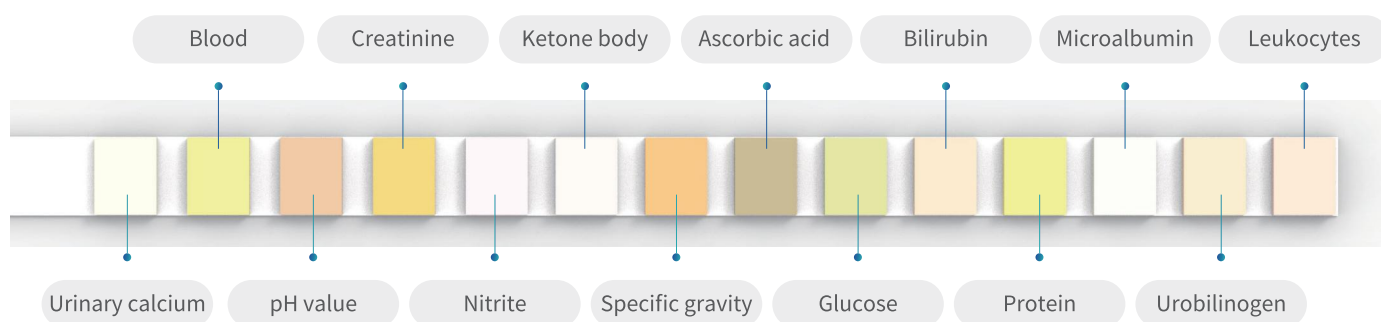
Intelligent Calibration

Automatic Color Compensation

> Parameters of The Device

| | |
|---------------------|--|
| Device | Handheld Urine Analyzer BK-150 |
| Detection Principle | Dual Wavelength Reflection Method |
| Sample Type | Urine |
| Size | 178 mm (length) × 87 mm (width) × 46 mm (height) |
| Weight | 360 g |

> Test Item



BK160

Hematology Analyzer



Simplification

Liquid-free system
Low cost and low maintenance



Compact

252 mm*162 mm*90 mm 2 kg



Portable

Single-use reagent
Testing in anytime

➤ Test Item

WBC

RBC

PLT

PCT

Lymph

Lymph %

Mid

Mid %

Gran

Gran %

HGB

HCT

MCV

MCH

MCHC

RDW-CV

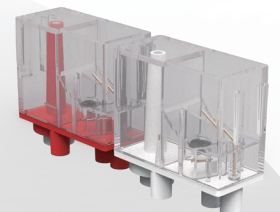
RDW-SD

MPV

PDW

P-LCC

P-LCR



BK160

BK100



Handheld Dry Chemistry Analyzer



Rapid

Test result in 0.5-10 min



Compact and Portable

151.5 mm*81 mm*28 mm 230 g



Intelligent

Supports Bluetooth

> Test Item

Liver Function

AST/ALT, T-BIL, T-BIL/D-BIL/I-BIL, TP/ALB/GLB, LDH
AST/ALT/γ-GT, γ-GT, γ-GT/ALP

Kidney Function

UA, Cre, UA/Cre/Urea

Anemia

HB, Fe

Trace element

Zn, P, Mg, Ca, Li, Na/K/Cl

Blood Lipid

TG, TCH, TG/TCH/HDL-C/LDL-C

HCY

LIP/AMY

GLU

Lactate

GLU/UA/TG/TCH



Rapid Test Kit



| Product Name | Specimen | Specification (tests/kit) |
|--|----------|---------------------------|
| SARS-CoV-2 Antigen Rapid Detection Kit (Latex Chromatography)—Self-test&Professional Use | NS | 1/25 |
| Influenza A & B Antigen Rapid Test Kit (Immunochromatographic Assay) | NS | 1/25 |
| SARS-CoV-2 & Influenza A/B Antigen Combo Rapid Test Kit (Lateral Chromatography) | NS | 1/25 |
| Influenza A/B & RSV Antigen Combo Rapid Test Kit (Lateral Chromatography) | NS | 1/25 |
| SARS-CoV-2 & Influenza A/B & RSV & ADV Antigen Combo Rapid Test Kit (Lateral Chromatography) | NS | 1/25 |
| H. Pylori Antibody Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| H. Pylori Antigen Rapid Test Kit (Lateral Chromatography) | Feces | 1/25 |
| Calprotectin (CAL) Rapid Test Kit (Lateral Chromatography) | Feces | 1/25 |
| HIV P24 Antigen Rapid Test (Lateral Chromatography) | WB/S/P | 1/25 |
| HIV 1/2 Antibody Rapid Test (Lateral Chromatography) | WB/S/P | 1/25 |
| HIV P24 Antigen & HIV 1/2 Antibody Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/20 |
| HAV IgG/IgM Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| HBsAg Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| HCV Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| HIV & HCV & HBsAg Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| HIV 1/2&HCV&HBsAg & Syphilis Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| Syphilis Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| Dengue IgG/IgM/NS1 Combo Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| Dengue IgM/IgG Antibody Rapid Test Kit (Lateral Chromatography) | WB/S/P | 10/25 |
| Dengue NS1 Antigen Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| Malaria HRP2/pLDH (P.f/P.v) Antigen Rapid Test Kit (Lateral Chromatography) | WB | 1/25 |
| Typhoid IgG/IgM Antibody Test Kit (Immunochromatographic Assay) | WB/S/P | 1/25 |
| LH Ovulation Test (Immunochromatographic Assay) | Urine | 1/25 |
| HCG Rapid Test Kit (Lateral Chromatography) | Urine | 1/25 |
| Gonorrhea Antigen Rapid Test Kit (Lateral Chromatography) | CS/US | 1/25 |
| Fecal Occult Blood (FOB) Rapid Test Kit (Immunochromatographic Assay) | Feces | 1/25 |
| Total Prostate Specific Antigen (tPSA) Rapid Test Kit (Lateral Chromatography) | S/P | 1/25 |
| Free Prostate Specific Antigen (fPSA) Rapid Test Kit (Lateral Chromatography) | S/P | 1/25 |
| Alpha Fetal Protein (AFP) Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| Carcinombryonic (CEA) Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| Cardiac Troponin I Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| Ferritin Rapid Test Kit (Lateral Chromatography) | WB/S/P | 1/25 |
| Rotavirus & Adenovirus Antigen Combo Rapid Test Kit (Immunochromatographic Assay) | WB/S/P | 1/25 |
| Group A Streptococcus Antigen Test Kit (Immunochromatographic Assay) | Swab | 1/25 |

NS(Nasopharyngeal Swab), WB(Whole Blood), S(Serum), P(Plasma), CS(Cervical Swab), US(Urethral Swab)

Application Scenarios



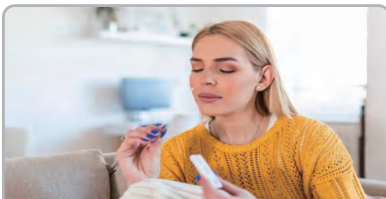
Clinic



Nursing Homes



Family Doctor



Self-testing



Home Checkups



Emergency Medical



Outdoor Testing



Border Rescue



BIOANTIBODY BIOTECHNOLOGY CO., LTD.



Official Website



Facebook



LinkedIn

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