



 **BIOER TECHNOLOGY**
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Human Pathogen Detection Kits Catalog

Precision, Accurate, Reliable

COMPANY PROFILE

Hangzhou Bioer Technology is a leading supplier of life science and medical diagnostic products in China, we specialize in the research and development, manufacture and sales of molecular detection serial products. We are committed to providing comprehensive molecular laboratory solutions for clinical and other customers.

We are one of the leaders in the PCR industry in China and obtained the 1st registration certificate of China quantitative fluorescent PCR detection system. Now we have developed into a comprehensive supplier of molecular detection with multiple technology platforms product lines. Our products include real-time fluorescence quantitative PCR instruments, automatic nucleic acid purification instrument, thermal cycler, nucleic acid purification reagent, all kinds of PCR detection reagents, standard PCR laboratory, mobile PCR laboratory, sample preservative fluid, Molecular detection consumables and PCR raw materials. We create the whole industry PCR chain business model of "Instrument + Reagent + Consumables + Molecular raw materials". In the future, we will continue to focus on the research of molecular detection technology, realize the automation, integration, miniaturization and digitization of PCR instruments, and realize the industrialization of different detection reagents and consumables. On the other hand, we will explore the solution of in vitro diagnostic technology and reagent raw materials through multi-technologies, and further enrich the product lines and application fields.

Over the years, Bioer Technology has been dedicated to the innovation of technology and equipment in the field of molecular testing, and always care for life with science and technology for people all over the world. Today, we have developed into an international global enterprise, with multiple subsidiaries and more than 1,000 employees. Our business covers more than 120 countries and regions, including molecular diagnosis, livestock, agriculture, aquatic products, scientific research, food safety, epidemic control and so on, which benefiting hundreds of millions of users.

Today, we use "Diligence, Aspiration, Creativity and Innovation" as our business philosophy. We lead the development with innovation, provide better service for customers and benefit the whole world.



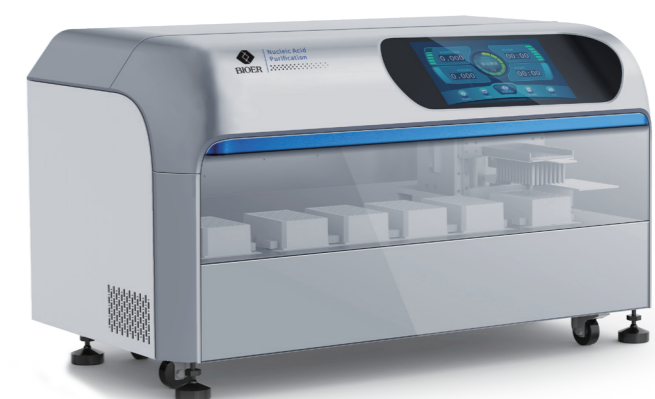
Nucleic Acid Purification System:

The GenePure system combined with purification kits help enable efficient, reliable, and easy nucleic acids purification from porcine samples. To accommodate different sample throughputs, we offer two instruments with varying capacities: the 32-throughput GenePure Pro and the 96-throughput GenePure Pro 96, both fully automated nucleic acid extraction instruments. Currently, we provide over a hundred types of extraction kits compatible with these instruments. For the extraction kits, we offer both pre-packaged reagents and bottled reagents to meet diverse customer needs.

Nucleic Acid Purification System



● NPA-32E



● NPA-96E

MagaBio plus Virus DNA/RNA Purification Kit II



The MagaBio plus Virus DNA/RNA Purification Kit II is designed for the rapid, efficient and automatic isolation and purification of high quality virus nucleic acid from a variety of samples on the automatic nucleic acid extraction system. It takes about only 35 minutes for the total procedure. The obtained virus nucleic acid can be used directly for a broad range of downstream applications, such as qPCR, NGS, etc.

Product Features:

- ✓ **Sample Types:** Serum, Plasma, Whole blood, Swabs, Saliva, Body fluid, Tissue, Feces, etc.
- ✓ **Rapid and Reliable:** Nucleic acid extraction can be completed in as little as 35 minutes.
- ✓ **High Extraction Efficiency:** High purity viral DNA or viral RNA.
- ✓ **Safe and Non-toxic:** Ensures user safety and environmental protection.

MagaBio Plus Virus DNA/RNA Purification Kit III

BSC86 CE IVD

MagaBio Plus virus DNA/RNA Purification kit III compared to the previous two generations, this product uses a unique lysis system to rapidly lyse the virus, combined with a new magnetic bead technology for the purification of nucleic acids. The sample types cover tissue, feces, whole blood, serum, plasma, body fluid samples and swabs, which are more common and do not require protease K. 96 samples can be easily extracted in only 15 minutes. The purified nucleic acid can be used for detection of NGS, qPCR, etc.

Product Features:

- ✓ **Wide application:** Suitable for samples of tissue, feces, serum, plasma, body fluid samples and swabs.
- ✓ **Easy to use:** No need to add protease K, just add samples to complete whole extraction.
- ✓ **Rapid extraction:** 96 samples can be extracted in 15 minutes.
- ✓ **High sensitivity:** The sensitivity of DNA virus extraction was up to 10 IU/mL and RNA virus extraction was up to 50 IU/mL.

MagaBio plus Virus DNA/RNA Purification Kit VI

BSC110

MagaBio plus Virus DNA /RNA Purification Kit VI is used for extraction and purification of viral nucleic acid DNA or RNA from the biological specimens. Depending on the sample type, we provide extraction buffers with or without PK along with corresponding protocols. For complex samples like whole blood and tissue, we recommend using extraction buffers with PK. For simpler samples like serum, plasma, and throat swabs, we recommend using extraction buffers without PK.

Product Features:

- ✓ **Sample Types:** plasma, serum, ascites, swabs, tissue, whole blood.
- ✓ **Rapid and Reliable:** Without PK 14min, With PK 24min completed the purification.
- ✓ **High Extraction Efficiency:** High purity viral DNA or viral RNA.
- ✓ **High Sensitivity:** HBV DNA: 10 IU/mL; HCV: 50 IU/mL.

MagaBio Bacterium DNA Purification Kit III

BSC96 CE IVD

MagaBio Bacterium DNA Purification Kit III is used for extraction and purification of bacterium DNA. The DNA purified by this kit is suitable for various downstream molecular biology applications such as qPCR, gene sequencing, and nucleic acid mass spectrometry.

This kit adopts unique lysis buffer and magnetic bead separation and purification technology, which has increase the binding ability of nucleic acid and short the operation time. It can be used with automated nucleic acid purification instrument.

Product Features:

- ✓ **Sample Types:** Bacteria.
- ✓ **Easy to Use:** Pre-packaged plate for purification, suitable for automatic operation.
- ✓ **Rapid Extraction:** For G+ bacteria that are particularly difficult to lysis, the test can be finished within 1.5h.
- ✓ **Non-toxic:** The kit contains no toxic components.

MagaBio plus Blood Genomic DNA Purification Kit

BSC08 CE IVD

This product is a highly efficient and high-purity DNA extraction solution specifically designed for whole blood samples. Through a unique and precisely designed reagent formula and process, it achieves rapid and effective purification of genomic DNA from blood samples. In the core extraction process of this product, a combination of efficient lysis buffer and proteinase K is first used, which can rapidly and thoroughly release DNA from proteins and other cellular components in blood samples, significantly improving the efficiency of blood sample lysis. Specially added unique whole blood releasing agent optimizes the conditions for DNA release in whole blood environment, ensuring high concentration and high quality DNA.

Product Features:

- ✓ **Wide Applicability:** Human blood or blood from other animals, stored blood, or fresh blood.
- ✓ **Product Yield:** 60ng/uL.
- ✓ **Extraction Time:** The entire extraction process can be completed in 42 minutes.
- ✓ **Strong Compatibility and Risk-Free Downstream Testing:** Effective removal of inhibitors during the extraction process while maintaining the integrity and stability of DNA.

MagaBio plus Blood Genomic DNA Purification Kit II

BSC73 CE IVD

MagaBio plus Whole Blood Genomic DNA Purification Kit II is used for extraction and purification of DNA from human whole blood specimens. The purified nucleic acid is suitable for clinical in vitro testing or use in amplification-based in vitro diagnostic assays.

Product Features:

- ✓ **Specimen:** Human whole blood.
- ✓ **Operation Time:** Less than 50min (96 samples by Bioer automatic nucleic acid extraction instrument) /Less than 45min (2-12 samples by manual).
- ✓ **Safe and Environmentally Friendly:** No need for organic solvents and other toxic reagents.
- ✓ **Simple and Efficient:** No need to use centrifugal can be used with automatic platform.

LineGene 9600 Plus



LineGene 9600 Plus is a fluorescence quantitative PCR instrument designed specifically for research and medical users. The instrument adopts the latest custom-made semiconductor cooler (Peltier) by Ferrotec. Advanced optical fiber technology and a brand-new globally wide voltage switch power supply, combined with a unique module heat dissipation proprietary technology and a bottom detection proprietary mode, give LineGene 9600 Plus faster heating and cooling rates, better temperature control accuracy, uniformity, and stability.



QuantGene 9600



Building on the consistent high-quality of the LineGene family, QuantGene 9600 incorporates highly mature Peltier cooling technology, a new light source and optical design, a unique constant current power supply, and a 6-zone independent temperature control system. These features ensure faster, more accurate, and stable fluorescence quantitative analysis, all while maintaining outstanding energy efficiency. The product is modular in design, offering various configuration options, including temperature gradient, sample preservation at 4°C, automatic dehumidification, and other functions. Compared to the previous generation, Bioer will comprehensively achieve automatic gain, enhancing user experience, and accepting personalized system customization to fully meet the needs of scientific research and clinical medicine.



Respiratory Tract Infections Diseases:

Cat. No.	Product Name	Sample Type	Certificate	Package	Purification Kits
BSJ04	Influenza A Virus/Influenza B Virus Nucleic Acid Detection Kit (Fluorescence RT-PCR)	Pharyngeal Swabs	CE-IVD	32T 48T 96T	BSC86 BSC110
BSJ05	Respiratory Syncytial Virus Type A/Type B Nucleic Acid Detection Kit (Fluorescent RT-PCR)	Pharyngeal Swabs	CE-IVD	24T 48T	BSC86 BSC110
BSJ06	Adenovirus and Adenovirus type 3, 4 and 7 Nucleic Acid Detection Kit (Fluorescent PCR)	Pharyngeal Swabs	CE-IVD	24T 48T	BSC86 BSC110
BSJ09	Mycoplasma Pneumoniae Nucleic Acid Detection Kit (Fluorescent PCR)	Pharyngeal Swabs	CE-IVD	24T 48T	BSC86 BSC110
BSJ10	Bordetella Pertussis Nucleic Acid Detection Kit (Fluorescent PCR)	Pharyngeal Swabs	CE-IVD	24T 48T	BSC86 BSC110
BSJ11	Human Parainfluenza Virus Type 1, Type 2, Type 3 Nucleic Acid Detection Kit (Fluorescent PCR)	Oropharyngeal Swabs	CE-IVD	48T 96T	BSC86 BSC110
BSJ12	Bocavirus, Human Metapneumovirus and Rhinovirus Nucleic Acid Detection Kit (Fluorescent PCR)	Pharyngeal Swabs	CE-IVD	48T 96T	BSC86 BSC110
BSJ16	SARS-CoV-2 Nucleic Acid Detection Kit (Fluorescence RT-PCR)	Nasopharyngeal Swabs	CE-IVD	24T 48T 500T	BSC86 BSC71 BSC110
BSJ17	SARS-CoV-2 /Influenza A Virus /Influenza B Virus Nucleic Acid Detection Kit (Fluorescence RT-PCR)	Nasopharyngeal Swabs, Oropharyngeal Swabs or Sputum Specimens	CE-IVD	48T 96T	BSC86 BSC71 BSC110
BSJ18	SARS-CoV-2 Lyophilized Nucleic Acid Detection Kit	Nasopharyngeal Swabs, Oropharyngeal Swabs or Sputum Specimens	CE-IVD	4*24T 96T	BSC86 BSC71 BSC110
BSJ21	SARS-CoV-2 Nucleic Acid Rapid Detection Kit (Fluorescence RT-PCR)	Nasopharyngeal Swabs, Oropharyngeal Swabs or Sputum Specimens	CE-IVD	24T 48T	BSC86 BSC71 BSC110
BSJ25	SARS-CoV-2 Nucleic Acid Multiple Rapid Detection Kit (Fluorescent RT-PCR)	Nasopharyngeal Swabs, Oropharyngeal Swabs or Sputum Specimens	CE-IVD	24T 48T	BSC86 BSC71 BSC110
BSJ31	Streptococcus Pneumoniae and Haemophilus Influenzae Nucleic Acid Detection Kit (Fluorescence PCR)	Sputum	CE-IVD	48T 96T	BSC71 BSC110

■ Cervical Cancer:

Cat. No.	Product Name	Sample Type	Certificate	Package	Purification Kits
BSJ01	HPV Genotyping Real-Time PCR Kit (Fluorescent PCR)	Cervical Specimens	CE-IVD	48T 96T	BSC71 BSC86 BSC110
BSJ24	HPV (6/11/16/18) Genotyping Real-Time PCR Kit	Cervical Swab	CE-IVD	24T	BSC71 BSC86 BSC110
BSJ50	HPV Nucleic Acid Detection and 16/18 Genotyping Kit (Fluorescent PCR)	Cervical Exfoliated Cells	CE-IVD	48T 96T	BSC71 BSC86 BSC110

■ Sexually Transmitted Diseases:

Cat. No.	Product Name	Sample Type	Certificate	Package	Purification Kits
BSJ02	Neisseria gonorrhoeae, Chlamydia trachomatis, Ureaplasma urealyticum Nucleic Acid Detection Kit (Fluorescent PCR)	Male Urine Swab, Female Cervical Swab	RUO	32T	BSC86 BSC110
BSJ02S1A BSJ02M1A BSJ02L1A	Neisseria Gonorrhoeae, Chlamydia Trachomatis Nucleic Acid Detection Kit (Fluorescent PCR)	Male Urine Swab, Female Cervical Swab	RUO	32T 48T 96T	BSC86 BSC110
BSJ07	Group B Streptococcus Nucleic Acid Detection Kit (Fluorescent PCR)	Pregnant Female Vaginal-rectal Swab Specimens	CE-IVD	24T 48T	BSC86 BSC110
BSJ08	Herpes Simplex Virus Type 1 and 2 Nucleic Acid Typing Detection Kit (Fluorescence PCR)	Urethral Swab, Cervical Swab, Swab of Herpes Ulcer	CE-IVD	24T 48T	BSC71 BSC86 BSC110
BSJ22	Neisseria gonorrhoeae, Ureaplasma urealyticum Nucleic Acid Detection Kit (Fluorescent PCR)	Male Urine Swab, Female Cervical Swab	CE-IVD	32T	BSC86 BSC110
BSB18M1A	HCMV PCR Fluorescence Quantitative Diagnostic Kit	Urine	RUO	48T	BSC71 BSC86 BSC110
BSJ49	STD Pathogen Multiplex Detection Kit (Fluorescent PCR)	Male Urethral Swabs and Female Cervical Swabs	CE-IVD	24T 48T	BSC86 BSC110
BSJ59	STI 13-Pathogen Nucleic Acid Detection Kit (Fluorescence PCR)	Male Urethral Swabs and Female Cervical Swabs	RUO	24T 48T	BSC71 BSC86 BSC110
BSJ61	STI 13-Pathogen Lyophilized Nucleic Acid Detection Kit (Fluorescence PCR)	Male Urethral Swabs and Female Cervical Swabs	RUO	24T 48T	BSC71 BSC86 BSC110

Cat. No.	Product Name	Sample Type	Certificate	Package	Purification Kits
BSJ36	SARS-CoV-2/Influenza A Virus/Influenza B Virus Nucleic Acid Multiple Detection Kit (Fluorescence PCR)	Nasopharyngeal Swabs	CE-IVD	48T 96T	BSC86 BSC110
BSJ37	SARS-CoV-2/ Respiratory Syncytial Virus /Influenza A Virus /Influenza B Virus Nucleic Acid Multiple Detection Kit (Fluorescence PCR)	Nasopharyngeal Swabs	CE-IVD	48T 96T	BSC86 BSC110
BSJ38	Group A Streptococcus Nucleic Acid Detection Kit (Fluorescence PCR)	Oropharyngeal Swabs	CE-IVD	48T 96T	BSC86 BSC110
BSJ45	Respiratory Syncytial Virus / Adenovirus / Parainfluenza Virus Nucleic Acid Detection Kit (Fluorescence PCR)	Oropharyngeal Swabs	CE-IVD	48T 96T	BSC86 BSC110
BSJ48	SARS-CoV-2 / Respiratory Syncytial Virus / Influenza A Virus/Influenza B Virus /Lyophilized Nucleic Acid Detection Kit (Fluorescence PCR)	Nasopharyngeal Swabs	CE-IVD	24T 48T	BSC86 BSC110
BSJ54	Seven Respiratory Pathogens Nucleic Acid Detection Kit (Microfluidic Chip)	Nasopharyngeal Swab Samples or Oropharyngeal Swab	RUO	20T	
BSJ56	Seventeen Respiratory Pathogens Nucleic Acid Detection Kit (Microfluidic Chip)	Nasopharyngeal Swab Samples or Oropharyngeal Swab	RUO	20T	
BSJ58	Twenty-five Respiratory Pathogens Nucleic Acid Detection Kit (Microfluidic Chip)	Nasopharyngeal Swab Samples or Oropharyngeal Swab	RUO	20T	
BSK02	SARS-CoV-2 IgM/IgG Antibody Test Kit (colloidal gold method)	Blood Serum Plasma	CE-IVD	25T 50T	
BSK09	Influenza A & B Antigen Rapid Test Kit (Colloidal Gold Method)	Nasopharyngeal Swabs, Oropharyngeal Swabs	CE-IVD	1T 25T 50T	
BSK16	Respiratory Syncytial Virus (RSV) Antigen Rapid Test Kit (Colloidal Gold Method)	Nasopharyngeal Swabs, Oropharyngeal Swabs	CE-IVD	1T 25T 50T	
BSK18	Mycoplasma Pneumoniae IgM/IgG Rapid Test Kit (Colloidal Gold Method)	Whole Blood Serum Plasma	CE-IVD	1T 25T 50T	
BSB19	Mycobacterium tuberculosis (TB) PCR Fluorescence Quantitative Kit	Sputum, Cerebrospinal Fluid, Pleural Effusion, Ascites and the Phlegm of Other Suspected TB Infected Position	RUO	48T 96T	BSB45 BSB96

■ Blood Borne Infection Diseases:

Cat. No.	Product Name	Sample Type	Certificate	Package	Purification Kits
BSB01	HBV PCR Fluorescence Quantitative Detection Kit	Serum or Plasma	RUO	48T 96T	BSC86 BSC110
BSB02	HCV RT-PCR Fluorescence Quantitative Detection Kit	Serum or Plasma	RUO	32T 48T	BSC86 BSC110
BSB24	HIV RT-PCR Fluorescence Quantitative Detection Kit	Serum or Plasma	RUO	32T 48T	BSC86 BSC110
BSB29	Hepatitis B Virus / Hepatitis C Virus / Human Immunodeficiency Virus (Type 1+2) Nucleic Acid Detection Kit (Fluorescence PCR)	Serum or Plasma	RUO	32T 96T	BSC86 BSC110
BSB110	Hepatitis B Virus/Hepatitis C Virus/Human Immunodeficiency Virus Type 1 Nucleic Acid Detection Kit (Fluorescence Quantitative PCR)	Serum or Plasma	RUO	24T 48T	BSC86 BSC110

■ Gastrointestinal Infection Diseases:

Cat. No.	Product Name	Sample Type	Certificate	Package	Purification Kits
BSJ26	Enterovirus Universal, Enterovirus 71, Coxsackievirus A6, Coxsackievirus A10 and Coxsackievirus A16 nucleic acid Detection Kit (Fluorescent PCR)	Human Throat Swab	CE-IVD	48T 96T	BSC86 BSC110
BSJ35	Norovirus/Group A Rotavirus/ Enteric Adenovirus Nucleic Acid Detection Kit (Fluorescence PCR)	Stool Swabs	CE-IVD	48T 96T	BSC71 BSC86 BSC110
BSJ39	Vibrio cholerae Nucleic Acid Detection Kit (Fluorescence PCR)	Feces	CE-IVD	48T 96T	BSC71 BSC110
BSK17	Rotavirus & Adenovirus Antigen Rapid Test Kit (Colloidal Gold Method)	Feces	CE-IVD	1T 25T 50T	

■ Public Health Emergency Diseases:

Cat. No.	Product Name	Sample Type	Certificate	Package	Purification Kits
BSJ23	Ebola Virus Nucleic Acid Detection Kit (Fluorescence PCR)	Whole Blood, Human Serum and/or Plasma	RUO	24T 48T	BSC71 BSC86 BSC110
BSJ33	Lassa Virus Nucleic Acid Detection Kit (Fluorescent PCR)	Whole Blood, Human Serum and/or Plasma	CE-IVD	24T 48T	BSC71 BSC86 BSC110
BSJ34	Monkeypox Virus Nucleic Acid Multiple Detection Kit (Fluorescent PCR)	Lesion Swab Specimens	CE-IVD	24T 48T	BSC71 BSC86 BSC110
BSJ43	Dengue Virus Nucleic Acid Detection Kit (Fluorescent PCR)	Whole Blood, Human Serum and/or Plasma	CE-IVD	48T 96T	BSC71 BSC86 BSC110
BSJ44	Plasmodium Nucleic Acid Detection Kit (Fluorescent PCR)	Whole Blood, Human Serum and/or Plasma	CE-IVD	48T 96T	BSC08 BSC73
BSK10	Dengue NS1 Antigen Rapid Test Kit (Colloidal Gold Method)	Whole Blood, Human Serum and/or Plasma	CE-IVD	25T 50T	
BSK11	Typhoid IgG/IgM Rapid Test Kit (Colloidal Gold Method)	Whole Blood, Human Serum and/or Plasma	CE-IVD	25T 50T	
BSK12	Malaria P.f./P.v. Antigen Rapid Test Kit (Colloidal Gold Method)	Whole Blood, Human Serum and/or Plasma	CE-IVD	25T 50T	
BSK13	Malaria P.f./Pan Antigen Rapid Test Kit (Colloidal Gold Method)	Whole Blood, Human Serum and/or Plasma	CE-IVD	25T 50T	
BSK14	Malaria P.f./Pan Antigen Rapid Test Kit (Colloidal Gold Method)	Whole Blood, Human Serum and/or Plasma	CE-IVD	25T 50T	
BSK15	Typhoid Antigen Rapid Test Kit (Colloidal Gold Method)	Whole Blood, Human Serum and/or Plasma	CE-IVD	25T 50T	
BSK18	Mycoplasma Pneumoniae IgM/IgG Rapid Test Kit (Colloidal Gold Method)	Whole Blood Serum Plasma	CE-IVD	1T 25T 50T	