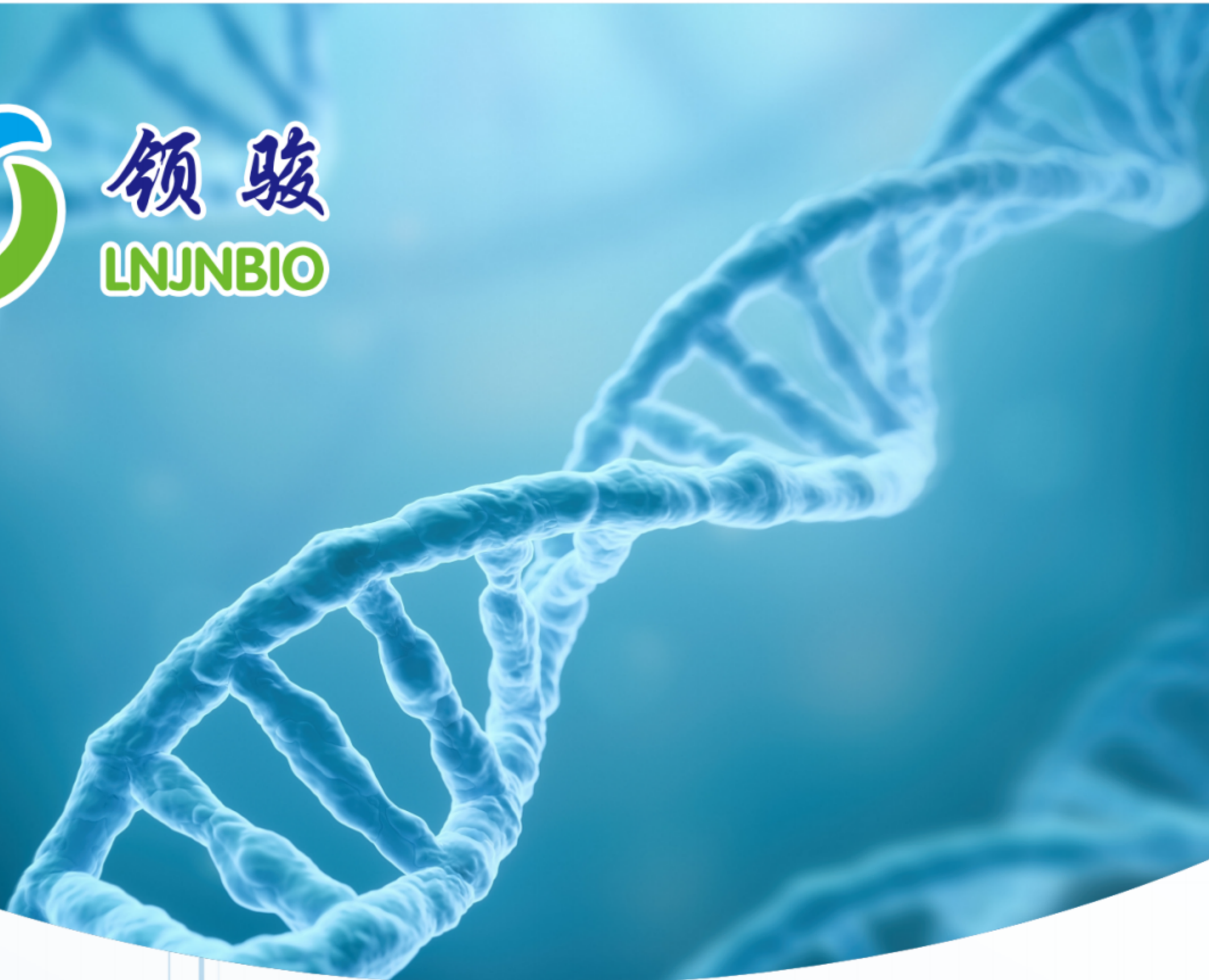




领骏
LNJNBIO



PRODUCT INTRODUCTION

Shanghai Lingjun Biotechnology Co., Ltd.

Honors & Certifications



- Recognized as a National High-tech Enterprise in November 2022
- Recognized as a Shanghai Specialized, High-end and Innovation-driven Enterprise in March 2023



- ISO 9001:2015 Quality Management System
- ISO 13485:2016 Medical Device Quality Management System
- ISO 14001:2015 Environmental Management System
- ISO 45001:2018 Occupational Health and Safety Management System
- ISO/IEC 27001:2013 Information Security Management System






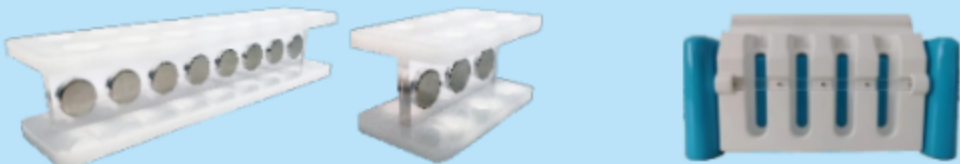
- 2 Granted Invention Patents
- 26 Granted Utility Model Patents
- 6 Registered Software Copyrights



Company Profile

Shanghai Lingjun has been long focusing on the research, development, production, and sales of products including magnetic bead-based nucleic acid extraction reagents and micro-nano magnetic materials, etc. Our company has been recognized as a National High-tech Enterprise and a Shanghai Specialized, High-end and Innovation-driven Enterprise.

Main Products

	Micro-nano magnetic microspheres
	Magnetic bead method nucleic acid extraction kit
	Automated nucleic acid extraction and purification instrument
	Magnetic separator

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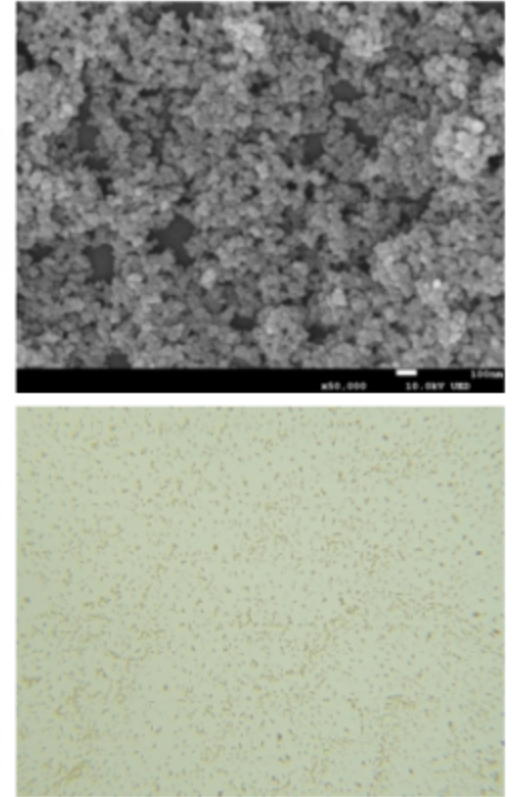
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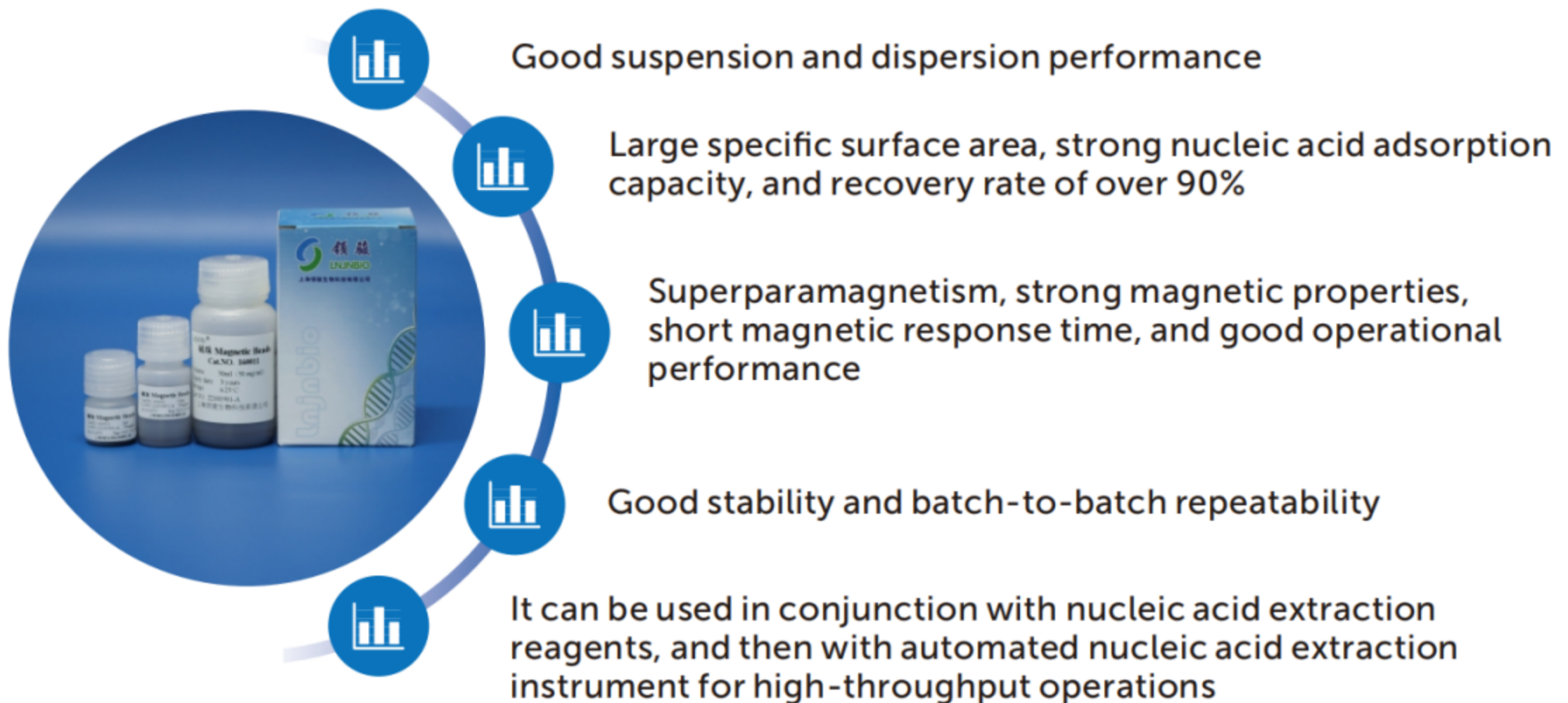
Silicon Based Magnetic Bead

Product Introduction

The silicon-based magnetic beads series products are superparamagnetic and functionalized magnetic microspheres with abundant silicon hydroxyl groups (Si-OH) modified on the surface. They can bind to nucleic acids in solution through hydrophobic, hydrogen bonding, and electrostatic interactions under high salt and low pH conditions, and without binding to other impurities (such as proteins). They can quickly separate nucleic acids from biological samples, and the operation is safe and simple. As a good tool for nucleic acid extraction, enrichment and purification, silicon-based magnetic beads can be used in conjunction with automated nucleic acid extraction instrument for high-throughput operations.



Product Features



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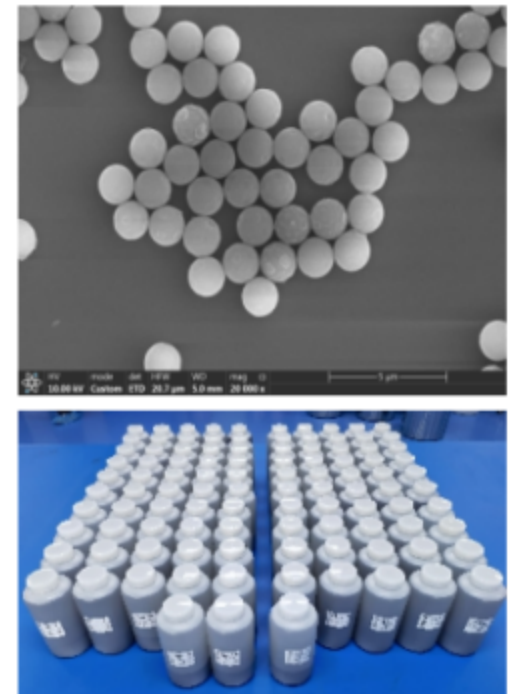




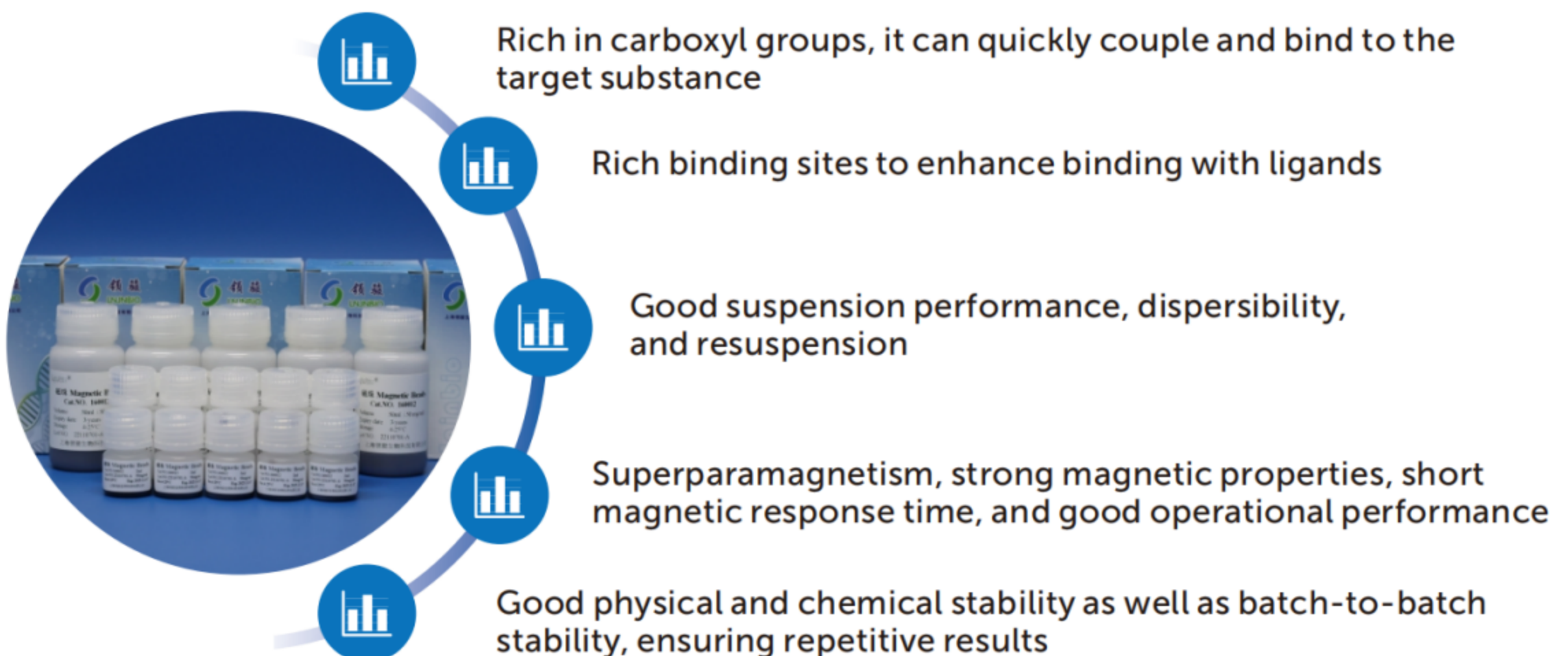
Carboxyl Magnetic Bead

Product Introduction

The carboxyl magnetic bead series products are superparamagnetic, functionalized magnetic microspheres with rich carboxyl functional groups on the surface, which have good dispersion stability and fast magnetic response. It has the ability to covalently couple biological ligands (such as peptides, proteins, antibodies and oligonucleotides) to the surface of microspheres under the action of special chemical reagents (such as EDC). It is suitable for downstream experimental applications such as protein purification, cell separation, and chemiluminescence. It is an important carrier tool in medical and molecular biology research.



Product Features



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Magnetic Bead Method Nucleic Acid Extraction Kit

Sample Types

- Blood, serum/plasma, saliva, swabs, animal and plant tissues, polysaccharides and polyphenols plant, plasmids, bacteria, fungi, virus, sequencing reaction products, PCR products.

Nucleic Acid Types

- Genomic DNA, RNA, DNA/RNA, ctDNA, cfDNA, ccfDNA.

Application

- Enzyme digestion, conventional PCR, fluorescence quantitative PCR, library construction, southern hybridization, chip detection and high-throughput sequencing, fragment sorting, DNA fragment purification and various downstream experiments.
- Widely used in fields such as scientific research in universities, infectious disease prevention, medical testing, animal disease detection, genetic testing, germplasm resources, and genetic breeding.

Product Features

- No pollution, no use of toxic reagents such as chloroform, isoamyl alcohol, phenol, etc.
- The extracted genomic DNA or viral nucleic acid has high purity and complete fragments.
- Stable quality, small batch-to-batch differences.



- The entire operation is simple, with no need for repeated centrifugation.
- Especially suitable for automated operations of high-throughput workstations.
- Large adsorption capacity and high sensitivity.

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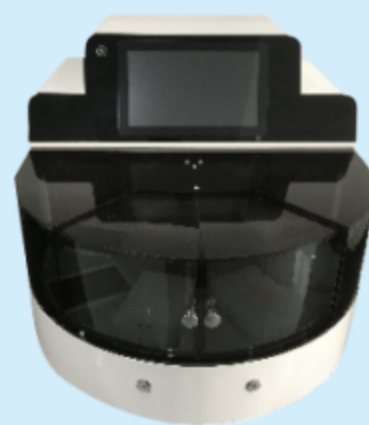
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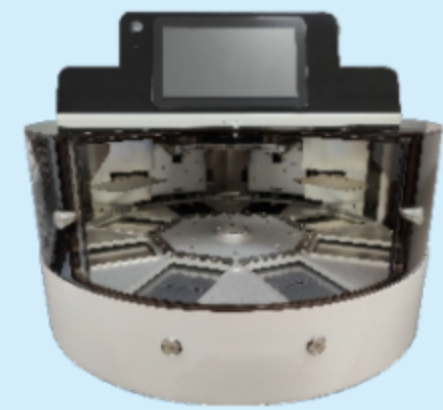
Automated Nucleic Acid Extraction and Purification Instrument



LJbio32H:
32-throughput Automated Nucleic Acid Extraction and Purification Instrument



LJbio96H:
96-throughput Automated Nucleic Acid Extraction and Purification Instrument



LJbio192H:
192-throughput Automated Nucleic Acid Extraction and Purification Instrument

Product Introduction

The automated nucleic acid extraction and purification instrument is a device that uses magnetic bead method to extract and purify nucleic acids. It has the advantages of high automation, fast extraction speed, stable results, and simple operation. It can purify 1-32 or 1-192 samples in a single run. Paired with the company's self-developed nucleic acid extraction reagents, it is widely used in scientific research, disease control systems, food safety, clinical testing and other fields.

Product Features

1. Maximum throughput: 192 samples/batch.
2. Good experimental repeatability and stability.
3. Compact size, easy to transport, and occupying small experimental space.
4. Professional structural design, the instrument operates silently.

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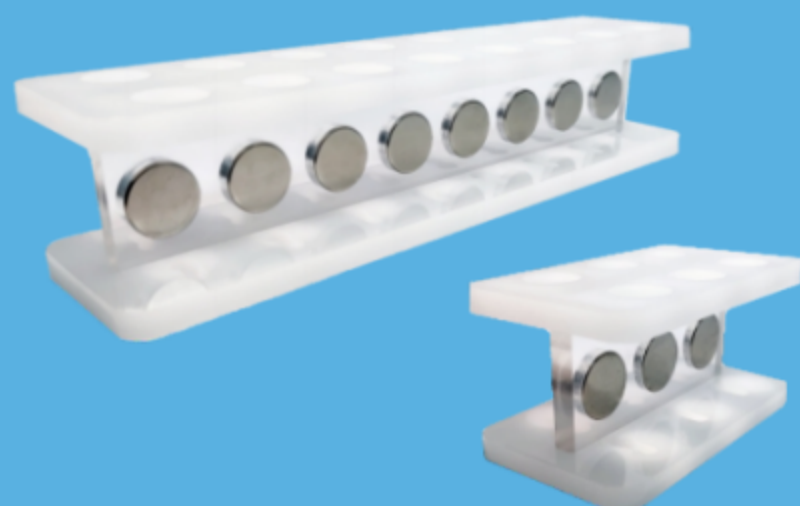
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Magnetic Rack



Product Features

The magnetic rack can efficiently separate various types of magnetic beads. By placing 1.5 mL or 2.0 mL centrifuge tubes on this magnetic rack, the magnetic separation process can be completed in a very short time, thereby achieving the goal of rapid separation and purification of substances such as cells, proteins, or nucleic acids. The centrifuge tube can be tightly attached to the magnetic rack, making the separation process more intuitive and convenient.

Product Introduction

1. Dimensions:
 - Double row 6-hole (65 mm×37 mm×33 mm)
 - Double row 16-hole (155 mm×37 mm×33 mm)
2. Aperture: 10.6 mm (suitable for 1.5 mL or 2.0 mL centrifuge tubes)
3. Magnetic strength: 3500 Gauss



Product Number: L-WM type

Product Introduction

1. Dimensions: Double row 8-hole (169 mm×56 mm×92 mm)
2. Weight: 1.32 kg
3. Magnetic strength: 3300 Gauss
4. Suitable for: 2 mL-5 mL centrifuge tubes

Product Features

1. Unique U-shaped strong magnetic field design, make the separation more efficient, can be applied to micro and nano magnetic beads.
2. Magnetic wraparound design, the same tube position is compatible with centrifuge tubes of different specifications.
3. Split-type detachable structure to meet more volume requirements.

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Number	Product Number	Product Name	Functional Group	Mean Diameter	Concentration	Specification/bottle
1	160011	Silicon-based magnetic bead	Si-OH	800 nm	50 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
2	160012	Carboxyl magnetic bead	COOH	800 nm	50 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
3	160013	Silicon-based magnetic bead	Si-OH	1.2 μm	50 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
4	160014	Silicon-based magnetic bead	Si-OH	2 μm	100 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
5	160015	Carboxyl magnetic bead	COOH	2 μm	100 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
6	160017	Silicon-based magnetic bead	Si-OH	2 μm	100 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
7	160019	Silicon-based magnetic bead	Si-OH	4 μm	200 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
8	160021	Silicon-based magnetic bead	Si-OH	800 nm	50 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
9	160024	Silicon-based magnetic bead	Si-OH	1.4 μm	100 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
10	220011	Silicon-based magnetic bead	Si-OH	500 nm	50 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
11	220012	Silicon-based magnetic bead	Si-OH	400 nm	25 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
12	220013	Silicon-based magnetic bead	Si-OH	400 nm	10 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
13	220015	Silicon-based magnetic bead	Si-OH	300 nm	10 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
14	220021	Carboxyl magnetic bead	COOH	500 nm	50 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
15	220022	Carboxyl magnetic bead	COOH	400 nm	25 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
16	220023	Carboxyl magnetic bead	COOH	400 nm	10 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L
17	220025	Carboxyl magnetic bead	COOH	300 nm	10 mg/mL	2 mL
						10 mL
						50 mL
						500 mL
						1 L

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Number	Product Name	Product Number	Specification
1	Plant Genomic DNA Extraction Kit (Magnetic Bead Method)	160831	Bottled: 50T, 100T, 200T
2	Animal Tissue Genomic DNA Extraction Kit (Magnetic Bead Method)	160832	Bottled: 50T, 100T, 200T
3	Polysaccharides and Polyphenols Plant DNA Extraction Kit (Magnetic Bead Method)	160863	Bottled: 50T, 100T, 200T
4	Plasmid DNA Rapid Extraction Kit (Magnetic Bead Method)	160866	Bottled: 50T, 100T, 200T
5	Bacteria Genomic DNA Extraction Kit (Magnetic Bead Method)	160886	Bottled: 50T, 100T, 200T
6	Fungal DNA/RNA Extraction Kit (Magnetic Bead Method)	160889	Bottled: 50T, 100T, 200T
7	Plant Total RNA Extraction Kit (Magnetic Bead Method)	160933	Bottled: 50T, 100T, 200T
8	Serum/Plasma Viral Nucleic Acid Extraction Kit (Magnetic Bead Method)	221001	Bottled: 50T, 100T, 200T
9	Swabs Nucleic Acid Extraction Kit (Magnetic Bead Method)	221004	Bottled: 50T, 100T, 200T
10	Stool Total DNA Extraction Kit (Magnetic Bead Method)	221005	Bottled: 50T, 100T, 200T
11	FFPE Tissue DNA Extraction Kit (Magnetic Bead Method)	221006	Bottled: 50T, 100T, 200T
12	Polysaccharides and Polyphenols Plant Total RNA Extraction Kit (Magnetic Bead Method)	231001	Bottled: 50T, 100T, 200T
13	Animal Tissue Total RNA Extraction Kit (Magnetic Bead Method)	231002	Bottled: 50T, 100T, 200T
14	Serum/Plasma Free DNA Extraction Kit (Magnetic Bead Method)	231003	Bottled: 50T, 100T, 200T
15	Whole Blood Genomic DNA Extraction Kit (Magnetic Bead Method)	231006	Bottled: 50T, 100T, 200T
16	Viral DNA/RNA Extraction Kit (Magnetic Bead Method)	231008	Bottled: 50T, 100T, 200T
17	Blood Genomic DNA Extraction Kit (Magnetic Bead Method)	231010	Bottled 50T, 100T, 200T

The products are for scientific research only. Please do not use them for medicine, clinical treatment, food, cosmetics, etc.

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Number	Product Name	Product Number	Specification
18	Plant DNA/RNA Extraction Kit (Magnetic Bead Method)	231011	Bottled: 50T, 100T, 200T
19	Animal Tissue DNA/RNA Extraction Kit (Magnetic Bead Method)	231012	Bottled: 50T, 100T, 200T
20	Ultra-trace Amount of Cells DNA/RNA Extraction Kit (Magnetic Bead Method)	231013	Bottled: 50T, 100T, 200T
21	Animal Tissue Genomic DNA Extraction Kit (Magnetic Bead Method, No Centrifugation)	231014	Bottled: 50T, 100T, 200T
22	Plant Genomic DNA Extraction Kit (Magnetic Bead Method, No Centrifugation)	231015	Bottled: 50T, 100T, 200T
23	Plant DNA/RNA Extraction Kit (Magnetic Bead Method, No Centrifugation)	231016	Bottled: 50T, 100T, 200T
24	Bacteria DNA/RNA Extraction Kit (Magnetic Bead Method)	231017	Bottled: 50T, 100T, 200T
25	Fungal DNA Extraction Kit (Magnetic Bead Method)	231018	Bottled: 50T, 100T, 200T
26	Serum/Plasma Free DNA Extraction Kit (Magnetic Bead Method)	231019M	Bottled: 50T, 100T
27	Whole Blood Genomic DNA Extraction Kit (Magnetic Bead Method)	231020M	Bottled: 50T, 100T
28	ccfDNA Extraction Kit (Magnetic Bead Method)	241005	Bottled: 50T
29	Serum/Plasma Free DNA Extraction Kit (Magnetic Bead Method)	231019L	Bottled: 10T, 50T
30	Whole Blood Genomic DNA Extraction Kit (Magnetic Bead Method)	231020L	Bottled: 10T, 50T
31	Endotoxin-free Plasmid DNA Extraction Kit for Small-volume Samples (Magnetic Bead Method)	241001S	Bottled: 50T, 100T, 200T
32	Endotoxin-free Plasmid DNA Extraction Kit for Middle-volume Samples (Magnetic Bead Method)	241001M	Bottled: 50T, 100T
33	Endotoxin-free Plasmid DNA Extraction Kit for Large-volume Samples (Magnetic Bead Method)	241001L	Bottled: 10T, 50T

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