

## Nucleic Acid Extraction Kit (Magnetic Beads Method) Fungal Genomic DNA



### Introduction:

The method of using magnetic beads to adsorb DNA achieves the purpose of rapidly purifying fungal genomic DNA, and is suitable for extracting high-purity genomic DNA from fungi. The kit can be used with a magnetic bar method automatic nucleic acid extraction instrument for high-throughput extraction experiments, or a magnetic frame for manual operation. The cleaning fluid system can maximize the removal of protein, pigment, lipid and other inhibitory impurities. The extracted genomic DNA has large fragments, high yield, good purity, and is stable and reliable.

### Application:

Widely used in scientific research, food safety, agriculture and livestock industry, biological industry, etc.

### Features:

- ①. High purity: effectively remove impurities such as protein and inorganic salts, and the product A260/280 value is greater than 1.7.
- ②. Good quality: with a unique buffer, it can release DNA better and improve the yield, and it also has little damage to genomic DNA, which can protect the integrity of DNA.
- ③. Safe and non-toxic: the reagent does not contain toxic solvents such as phenol and chloroform.
- ④. Wide range of applications: enzyme digestion, PCR, library construction, Southern hybridization, etc.

### Parameters:

Model	CH-09-1	CH-09-2	CH-09-3
Extraction Method	Magnetic bead method		
Sample Type	Fungal liquid		
Validity Period	Good stability, valid for 12 months		
Sample Volume	1mL		
Within-assay Precision	Coefficient of variation (CV,%) $\leq$ 15%		
Specification	32T/Kit, 64T/Kit	48T/Kit, 96T/Kit	50T/Kit
Applicable Instruments	BNP16, BNP32, BNP48, BK-HS32, BK-AutoHS96	BNP96, BK-HS96	Manual
Package Information	24 Kits/Carton ( or 48 Kits/Carton )		
Package Size(W*D*H)	64T/Kit: 740*420*300mm; 96T/Kit: 740*420*300mm; 510*280*115mm (or 64T/Kit: 580mm*550mm*580mm; 96T/Kit:580mm*550mm*580mm)		
Gross Weight	64T/Kit: 18.3kg; 96T/Kit: 28.4kg;3.5kg (or 64T/Kit: 34kg; 96T/Kit: 41kg)		

## Nucleic Acid Extraction Kit (Magnetic Beads Method) Bacterial Genomic DNA



### Introduction:

The method of adsorbing DNA by magnetic beads achieves the purpose of rapidly purifying bacterial genomic DNA, and is suitable for extracting high-purity genomic DNA from bacterial samples. The kit can be integrated with a magnetic bar method automatic nucleic acid extractor for high-throughput extraction experiments, or can be manually operated using a magnetic frame. The cleaning fluid system can maximize the removal of protein, pigment, lipid and other inhibitory impurities. The extracted genomic DNA has large fragments, high yield, good purity, and is stable and reliable.

### Application:

Widely used in medical health, scientific research, biological industry, animal husbandry, etc.

### Features:

- ①. High purity: effectively remove impurities such as protein and inorganic salts, and the product A260/280 value is greater than 1.7.
- ②. Good quality: with a unique buffer, it can release DNA better and improve the yield, and it also has little damage to genomic DNA, which can protect the integrity of DNA.
- ③. Safe and non-toxic: the reagent does not contain toxic solvents such as phenol and chloroform.
- ④. Wide range of applications: enzyme digestion, PCR, library construction, Southern hybridization, etc.

### Parameters:

Model	CH-10-1	CH-10-2	CH-10-3
Extraction Method	Magnetic bead method		
Sample Type	Secretions, sputum, bronchoalveolar lavage fluid, feces, bacterial cultures, etc.		
Validity Period	Good stability, valid for 12 months		
Sample Volume	1mL		
Within-assay Precision	Coefficient of variation (CV, %) $\leq$ 15%		
Specification	16T/Kit, 32T/Kit, 64T/Kit	48T/Kit, 96T/Kit	50T/Kit
Applicable Instruments	BNP16, BNP32, BNP48BK-HS32, BK-AutoHS96	BNP96, BK-HS96	Manual
Package Information	24 Kits/Carton (or 48 Kits/Carton)		
Package Size(W*D*H)	64T/Kit: 740*420*300mm; 96T/Kit: 740*420*300mm; 510*280*115mm (or 64T/Kit: 580*550*580mm; 96T/Kit: 580*550*580mm)		
Gross Weight	64T/Kit: 18.3kg; 96T/Kit: 28.4kg; 3.5kg (or 64T/Kit: 34kg; 96T/Kit: 41kg)		