

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. Automation: match BNP32, BNP48, BNP96 nucleic acid extractors to achieve high-throughput automated operation.
- ④. Safe and non-toxic: the reagent does not contain toxic solvents such as phenol and chloroform.
- ⑤. 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	50~100mg		
Within-assay Precision	Coefficient of variation (CV,%)≤15%		
Specification	8T/box, 16T/box, 32T/box, 64T/box	48T/box, 96T/box	50T/box, 100T/box
Applicable Instruments	BNP32, BNP48	BNP96	Manual Extraction
Package Information	24 Boxes/ Carton		
Package Size(W*D*H)	64T/box: 740*420*300mm; 96T/box: 740*420*300mm; 510*280*115mm		
Gross Weight	64T/box: 18.3kg; 96T/box: 28.4kg; 3.5kg		

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. Automation: match BNP32, BNP48, BNP96 nucleic acid extractors to achieve high-throughput automated operation.
- ④. Safe and non-toxic: the reagent does not contain toxic solvents such as phenol and chloroform.
- ⑤. Wide range of applications: enzyme digestion, PCR, library construction, Southern hybridization, etc.

Parameters:

Model	CH-10-X-1	CH-10-X-2	CH-10-X-3	CH-10-YX-1	CH-10-YX-2	CH-10-YX-3
Extraction Method	Magnetic bead method					
Sample Type	Bacterial liquid					
Validity Period	Good stability, valid for 12 months					
Sample Volume	200~1000ul					
Within-assay Precision	Coefficient of variation (CV,%)≤15%					
Specification	8T/box, 16T/box, 32T/box, 64T/box	48T/box, 96T/box	50T/box, 100T/box	8T/box, 16T/box, 32T/box, 64T/box	48T/box, 96T/box	50T/box, 100T/box
Applicable Instruments	BNP32, BNP48	BNP96	Manual Extraction	BNP32, BNP48	BNP96	Manual Extraction
Test Subject	Gram-negative bacteria			Gram-positive bacteria		
Package Information	24 Boxes/ Carton					
Package Size(W*D*H)	64T/box: 740*420*300mm; 96T/box: 740*420*300mm; 510*280*115mm					
Gross Weight	64T/box: 18.3kg; 96T/box: 28.4kg; 3.5kg					