



**Bioer  
Technology**

# GenePure Pro

## Nucleic Acid Purification System



### High Efficiency

Newly-designed holomagnetized rods and dynamically adjustable amplitude technology ensures no magnetic beads residual or detaining on the tube sides, suitable for all kinds of micro-sized magnetic beads.



### High Temperature Accuracy

Enhanced encapsulated deep-well heating block significantly increases temperature control accuracy, improves efficiency of lysis and elution.



### High Safety

Disposable 8-strip plastic sleeves and UV light prevent aerosol cross contamination between different batches of reagents and ensure safety of experiments.



### Intellectualization

Unique cockpit panel style UI design simultaneously displays all running programs and parameters, user-friendly for operation.



### Versatility

Heating blocks and magnetic rods can be exchanged to upgrade throughput from 32 samples to 48 samples.



### Standardization

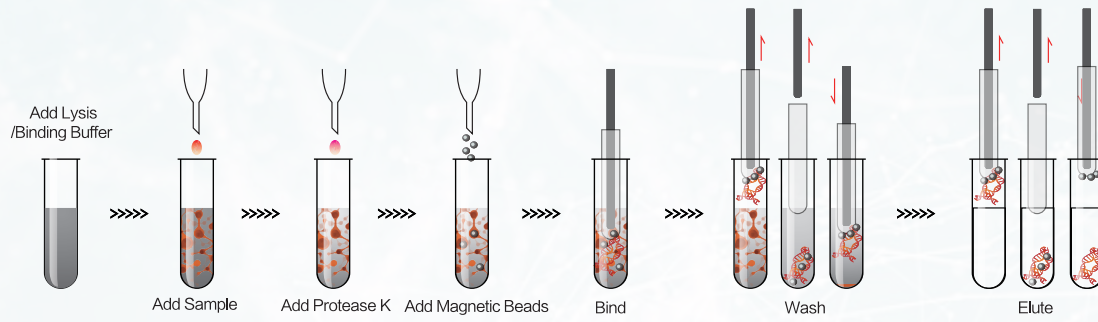
Multiple programs can be edited with massive on board storage to ensure experiment conditions with excellent uniformity and reproducibility.



\* All right reserved. Please refer to actual product for true colour representation.

## WORKING PRINCIPLE

The built-in heating function of GenePure Pro system is proved to be able to accelerate the lysis of samples and ensures higher release of nucleic acid. It also helps to increase the yield ratio of nucleic acid and improves overall extraction efficiency.



Sample

Cells are lysed and nucleic acid released in the lysis buffer.

Add magnetic beads into the buffer, fully mix the samples to bind nucleic acid with the specific coated substance on surface of magnetic beads.

Repeatedly wash the surface of magnetic beads to remove unwanted nucleic acid, protein and other saline impurities.

Transfer the magnetic beads to elution buffer, mix thoroughly to make the nucleic acid cast off from surface of magnetic beads.

## RECOMMENDED REAGENTS

Product Name	Package Size	Catalog	Product Name	Package Size	Catalog
MagaBio plus General Genomic DNA Purification Kit	32T	BSC07S1E	MagaBio plus General Genomic DNA Purification Kit II	32T	BSC74S1E
MagaBio plus Whole Blood Genomic DNA Purification Kit	32T	BSC08S1E	MagaBio plus Virus DNA Purification Kit III	32T	BSC84S1EX
MagaBio plus Bacterium DNA Purification Kit	32T	BSC09S1E	MagaBio plus Maxi Whole Blood Genomic DNA Purification Kit	25T	BSC90M1
MagaBio plus Plant Genomic DNA Purification Kit	32T	BSC10S1E	MagaBio Maxi Plasma Circulating DNA Purification Kit	10T	BSC95S1
MagaBio plus Virus DNA Purification Kit	32T	BSC11S1E	MagaBio Bacterium DNA Purification Kit III	32T	BSC96S1E
MagaBio FFPE Tissue Genomic DNA Purification Kit	32T	BSC31S1E	MagaBio Maxi Plasma Circulating DNA Purification Kit II	10T	BSC97S1
MagaBio Insect Genomic DNA Purification Kit	32T	BSC33S1E	MagaBio plus Total RNA Purification Kit	32T	BSC53S1E
MagaBio Blood Spots Genomic DNA Purification Kit	32T	BSC34S1E	MagaBio plus Virus RNA Purification Kit	32T	BSC58S1E-T
MagaBio Swabs Genomic DNA Purification Kit	32T	BSC35S1E	MagaBio plus Total RNA Purification Kit II	32T	BSC69S1E
MagaBio Tissue Genomic DNA Purification Kit	32T	BSC37S1E	MagaBio plus Virus RNA Purification Kit II	32T	BSC87S1E
MagaBio Plasma Circulating DNA Purification Kit	32T	BSC40S1E	MagaBio plus Virus DNA/RNA Purification Kit	32T	BSC57S1E
MagaBio plasmid DNA Purification Kit	32T	BSC41S1E	MagaBio plus Virus DNA/RNA Purification Kit II	32T	BSC71S1E
MagaBio PCR Purification Kit	32T	BSC42S1C	MagaBio pathogens DNA/RNA Purification Kit	32T	BSC75S1E
MagaBio Bacterium DNA Fast Purification Kit	32T	BSC45S1E	MagaBio Fecal Pathogens DNA/RNA Purification Kit	32T	BSC78S1E
MagaBio Soil/ Feces Genomic DNA Purification Kit	32T	BSC48S1E	MagaBio plus Virus DNA/RNA Purification Kit III	32T	BSC86S1E
MagaBio plus Virus DNA Purification Kit II	32T	BSC50S1E	MagaBio plus Virus DNA/RNA Purification Kit IV	32T	BSC94S1EX
MagaBio plus Whole Blood Genomic DNA Purification Kit II	32T	BSC73S1E	MagaBio Virus DNA/RNA Maxi Purification Kit	10T	BSC98S1

## PRODUCT PARAMETER

Product Name	GenePure Pro Automatic Nucleic Acid Purification System
Model	NPA-32P
Certification	CE/PICC
Sample Capacity	1-32
Sample Processing Capacity	20 ~ 1000µl
Consumables	96 Deep well Plate+8-strip Tip
Well Yield Uniformity	Cv<3%
Magnetic Beads Recycling Efficiency	≥98%
Operating Temperature	10°C ~ 30°C
Operating Humidity Range	20% ~ 80%
Heating Temp Control Range	Lysis heating temp : room temp+5°C~125°C Elate heating temp : room temp+5°C~125°C
Mixing	Multiple modes, multiple-speed, adjustable
Disinfection/Decontamination Method	UV Light
Reagent Type	Magnetic beads based reagent
Operation Interface	Operation Interface
Programs Management	Programs set up, edit, and delete with good flexibility
Bar-code Scanner	Optional
Communication Interface	USB Compatible
Power Supply	AC100-240V 50Hz/60Hz 600W
Product Dimension	430×395×435 (L×W×H)
Weight	32.5kg