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.

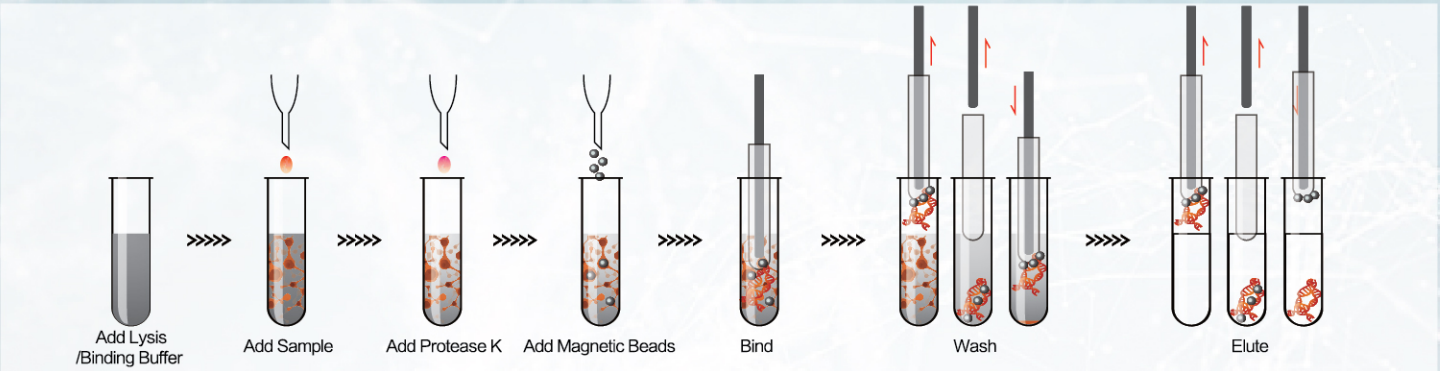
Standardization
Multiple programs can be edited with massive on board storage to ensure experiment conditions with excellent uniformity and reproducibility.

CE RoHS

* 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

Add Sample	Specification	No.
MagaBio plus General Genomic DNA Purification Kit	100T	BSC07M1B
MagaBio plus Blood Genomic DNA Purification Kit	100T	BSC08M1B
MagaBio FFPE Tissue Genomic DNA Purification Kit	100T	BSC31M1
MagaBio Blood Spot Genomic DNA Purification Kit	100T	BSC34M1
MagaBio Swabs Genomic DNA Purification Kit	100T	BSC35M1
MagaBio plus Tissue Genomic DNA Purification Kit	100T	BSC37M1
MagaBio plus Total RNA Purification Kit	100T	BSC53M1B

Add Sample	Specification	No.
MagaBio plus Plant Genomic DNA Purification Kit	50T	BSC10S1B
MagaBio plus Bacteria Genomic DNA Purification Kit	50T	BSC09S1B
MagaBio plus Virus DNA Purification Kit	100T	BSC11M1B
MagaBio plus Virus DNA Purification Kit	100T	BSC57M1B
MagaBio plus Virus RNA Purification Kit	100T	BSC58M1B
MagaBio Plasma Free DNA Purification Kit	100T	BSC40M1

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℃～40℃
Operating Humidity Range	10%～90%
Heating Temp Control Range	Lysis heating temp : room temp+5℃~125℃ Elate heating temp : room temp+5℃~125℃
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

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