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.

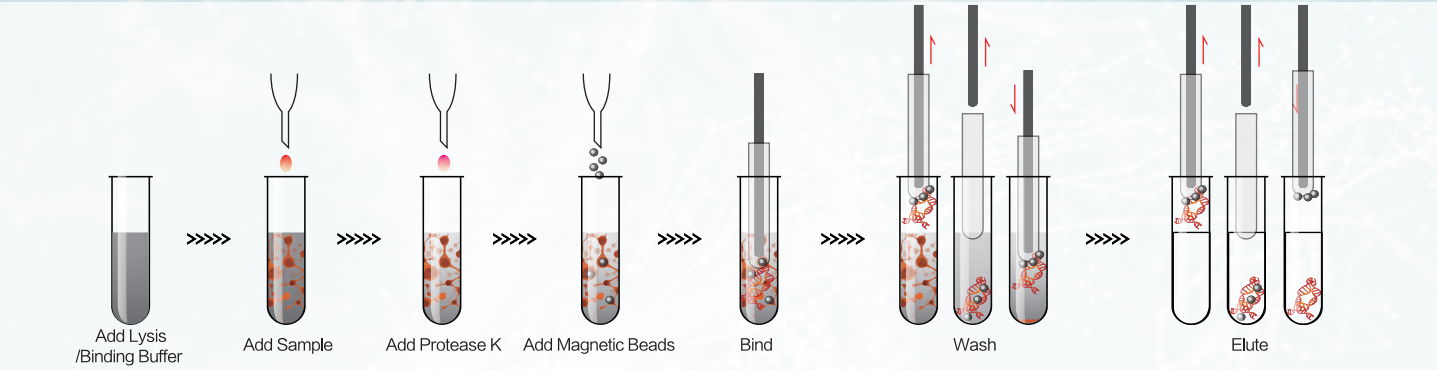
Versatility
Flexible purification of 1-32 samples according to customer requirements

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

CE RoHS

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	32T	BSC07S1E
MagaBio plus Blood Genomic DNA Purification Kit	32T	BSC08S1E
MagaBio FFPE Tissue Genomic DNA Purification Kit	32T	BSC31S1E
MagaBio Blood Spot Genomic DNA Purification Kit	32T	BSC34S1E
MagaBio Swabs Genomic DNA Purification Kit	32T	BSC35S1E
MagaBio plus Tissue Genomic DNA Purification Kit	32T	BSC37S1E
MagaBio plus Total RNA Purification Kit	32T	BSC53S1E

Add Sample	Specification	No.
MagaBio plus Plant Genomic DNA Purification Kit	32T	BSC10S1E
MagaBio plus Bacteria Genomic DNA Purification Kit	32T	BSC09S1G
MagaBio plus Virus DNA Purification Kit	32T	BSC11S1E
MagaBio plus Virus DNA/RNA Purification Kit	32T	BSC57S1E
MagaBio plus Virus RNA Purification Kit	32T	BSC58S1E
MagaBio Plasma Free DNA Purification Kit	32T	BSC41S1E

PRODUCT PARAMETER

Product Name	GenePure Pro Nucleic Acid Purification System
Model	NPA-32P
Sample size	32pcs/time
Magnetic rod (fixed)	4×8 pcs
Sample range	20~1000μl
Magnetic bead collection efficiency	>98%
Most suitable size of magnetic beads	0.2~1.0μm
Consumables	96 deep well plates + 8 strip-tip
Module temperature range	Room temperature+5°C-120°C
Barcode Reader	optional
Anti-contamination	UV lamp
Reagent Type	Magnetic beads based reagent
Communication Port	USB
Power supply	AC100-240V 50-60Hz
Overall dimensions mm	430×395×435 (L×W×H)
Net weight	32.5Kg

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Nucleic Acid Purification System

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High efficient purification
With pre-packaged reagents, the experiment can be completed by adding samples manually in one step. Nucleic acid extraction from 32 samples can be completed in 8 minutes.

Lighter and powerful
Lighter weight makes installation more convenient and more suitable for use in various laboratories or mobile PCR laboratories.

Lower energy consumption
The newly upgraded machine uses less energy and is more environmentally friendly.

Easy to use
User-friendly operation software, preset reagent templates can simplify the initial setting steps of the experiment.

Widely applications
It is suitable for the extraction of various samples including animal and plant tissues, bacteria, fungi, viruses, blood, soil, feces and so on.

Safety
Disposable extraction tube and UV lamp are used to avoid aerosol pollution of samples from different batches and reduce operational risks.

CE EMC

HANGZHOU BIOER TECHNOLOGY CO.,LTD.

WORKING PRINCIPLE

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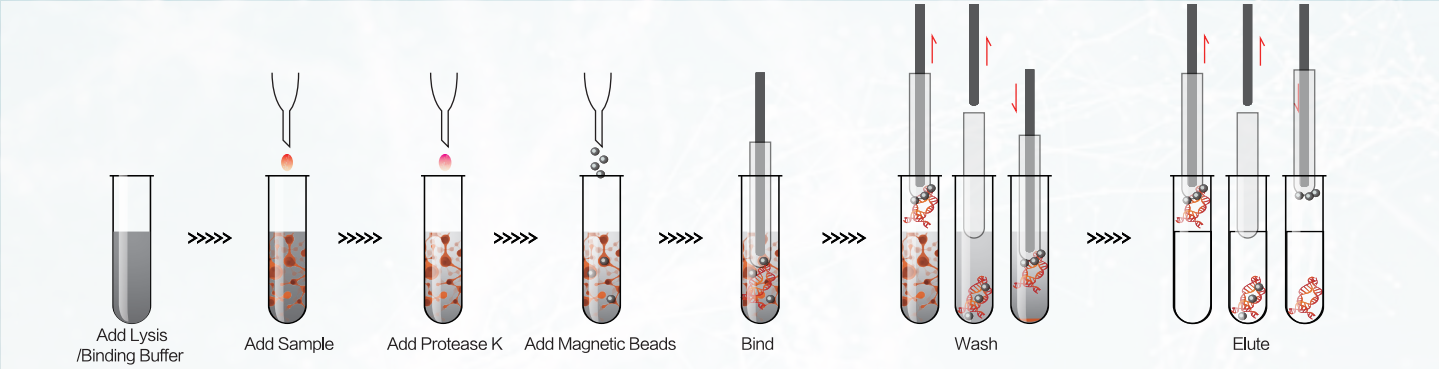

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Reagent Type	Magnetic beads based reagent
Communication Port	USB
Power supply	100-240VAC, 50-60Hz, 350W
Overall dimensions mm	430×395×435 (L×W×H)
Net weight	28.5Kg

*Data tested at standard laboratories.

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