



**Bioer  
Technology**

# GenePure Pro

## NPA-16H

**NEW**



Support Reagent



### Max Sample Volume

The Volume processing range is 50~10000 $\mu$ L, which can meet customers' requirements for different sample sizes



### 3D Mixing Method

The lysis process uses Bioer's unique oscillating technology and magnetic bar stirring to lysis samples of different sizes in 3D mixing method



### Accurate Temperature Control

The build-in heating function, which can greatly reduce the temperature difference between the inner pipe and the set temperature, and improve lysis and elution efficiency



### Flexibility

Supporting pre-packed reagent, reduce reagent waste, more flexible use



### Smart

With unique UI design, all operating parameters of the equipment can be displayed at one time, which is easy to manage and operate

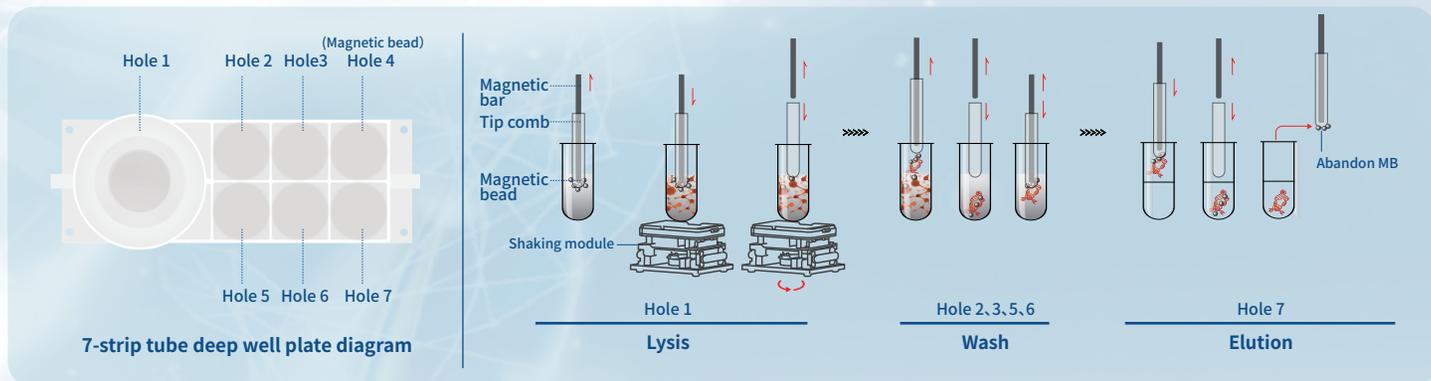


### Safety

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

## WORKING PRINCIPLE

This product automatically accomplishes the magnetic separation process in the nucleic acid purification procedure by implementing precise transmission through a stepper motor controlled by a single chip microcomputer. It is characterized of small footprint, light weight, low noise, fully closed work area, embedded real-time operating system, transparent working chamber for easy observation of working conditions, large screen LCD panel, elegant appearance, and simple operation.



## PRODUCT REAGENT

Product Name	Sample Type
MagaBio plus Maxi Whole Blood Genomic DNA Purification Kit	Human whole blood, mammalian blood, poultry or amphibian blood
MagaBio Maxi Plasma Circulating DNA Purification Kit	Serum and plasma
MagaBio Maxi Plasma Circulating DNA Purification Kit II	Serum and plasma

## PRODUCT PARAMETER

Product Name	GenePure Pro 16H Nucleic Acid Purification System
Model	NPA-16H
Sample processing quantity	16 samples/time
Magnetic rod (stationary)	4×4 pieces
Volume processing range	50μL-10000μL
Magnetic bead collection efficiency	>98%
Most suitable size of magnetic beads	0.2~1.0μm
Consumables	7-strip tube deep well plate+strip tip
Temperature Accuracy	≤ ±1°C
Operation Interface	8 inch touch screen, English and Chinese operating system
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	29.5Kg

\*Effect value tested in standard lab environment



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