Bioer Technology

GenePure Pro

Nucleic Acid Purification System



Fast & Efficient Workflow

Pre-packaged kits enable a streamlined workflow, delivering consistent nucleic acid extraction from up to 32 samples in 8 minutes.

Compact & Reliable Design

Compact benchtop design saves space, with power-off protection, self-test, door safety and fault alarm for reliable operation.

Advanced Contamination Control

Disposable consumables and UV decontamination features help minimize contamination risks.

Intuitive Touchscreen Control

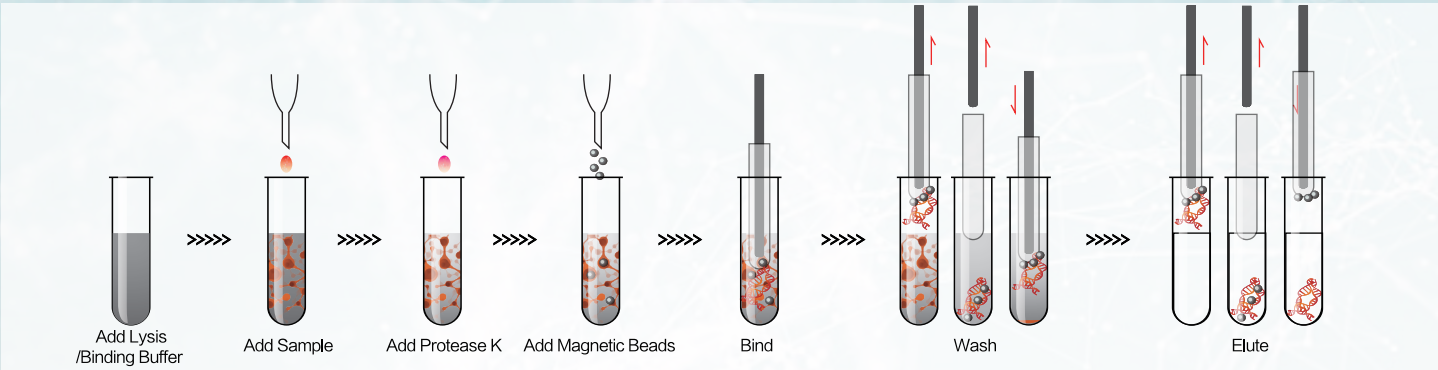
An 8-inch color touchscreen enables easy operation, flexible protocol management, and user access control.

HANGZHOU BIOER TECHNOLOGY CO., LTD.

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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 nucleic acid yield 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 release the bound nucleic acids from surface of magnetic beads.

RECOMMENDED REAGENTS

Product Name	Package	Cat. No.
MagaBio plus Virus DNA/RNA Purification Kit II	16T/32T	BSC71
MagaBio plus Virus DNA/RNA Purification Kit III	16T/32T	BSC86
MagaBio plus Virus DNA/RNA Purification Kit VI	16T/32T	BSC110
MagaBio plus Blood Genomic DNA Purification Kit	16T/32T	BSC08
MagaBio plus Tissue Genomic DNA Purification Kit	16T/32T	BSC37
MagaBio Bacterium DNA Fast Purification Kit	16T/32T	BSC45
MagaBio FFPE Tissue RNA Purification Kit	16T/32T	BSC36
MagaBio plus Total RNA Purification Kit	16T/32T	BSC53

Product Name	Package	Cat. No.
MagaBio plus Total RNA Purification Kit II	16T/32T	BSC69
MagaBio plus Whole Blood Genomic DNA Purification Kit II	16T/32T	BSC73
MagaBio plus General Genomic DNA Purification Kit II	16T/32T	BSC74
MagaBio Feces Genomic DNA Purification Kit	16T/32T	BSC107
MagaBio Forensic Sample DNA Purification Kit	16T/32T	BSC109
MagaBio plus FFPE Tissues DNA/RNA Purification Kit	16T/32T	BSC118
MagaBio Fungal Genome DNA Purification Kit	16T/32T	BSC119
MagaBio plus Whole Blood Total RNA Purification Kit II	16T/32T	BSC133

PRODUCT PARAMETER

Product Name	GenePure Pro Nucleic Acid Purification System
Model	NPA-32P
Sample Capacity	1-32
Touchscreen Size	Standalone use, 8-inch touchscreen
Magnetic Rod (fixed)	4×8 pcs
Processing Volume Range	20~1000μL
Sample Processing Time	8min-60min
Magnetic Bead Collection Efficiency	>98%
Magnetic Particle Size	0.2~1.0μm
Inter-Well CV	≤3%
Consumables	8-Strip Tip Comb, 2.2 mL 96 Deep Well Plates, 6-Strip Tube Deep Well Plate
Module Temperature Range	From 5°C above ambient temperature to 120°C
Barcode Reader	optional
Anti-Contamination	UV lamp
Mixing Mode	Up-and-down mixing, multiple-speed, adjustable
Storage Capacity	1000 (expandable)
Communication Port	USB
Power Failure Protection	YES, automatically resumes the unfinished experiment after accidental power-off and restart
G.W., Dimension & Power Supply	21.5Kg, 430mmx395mmx435mm (LxWxH), 100-240VAC, 50-60Hz, 350W

BIOER TECHNOLOGY
ADD: 1192 BinAn Rd., Binjiang District, Hangzhou, Zhejiang, 310053, China **WEB:** www.bioer.com
TEL: +86-571-87774575 **FAX:** +86-571-87774553 **MAIL:** overseas@bioer.com **E-Date:** 2026.08 **BIO 32P-2608**