

Product Parameters

Product Name	Automatic nucleic acids extraction instrument
Product model	VNP-32YL
Sample throughput	1~32
Recovery rate of magnetic bead	>95%
Use kit	96 deep well plate
Processing volume	20~1000 μ L
Difference between purification repeats	CV \leq 5%
Heating temperature	Room temperature~120°C
Temperature accuracy	\pm 1°C
Operating system	Chinese/English operating system
Operation interface	8-inch color touch screen, can be connected to external mouse
Internal procedures	500 programs can be stored
Program management	Add, edit, save as, delete, program mode
Instrument interface	3 type-A USB, 1 Ethernet port, 1DB9 debug interface
Network	Wi-Fi function
Disinfection	UV disinfection
Exhaust system	Fan exhaust
Maximum input power	500W
Dimensions (WxDxH)	412mmx410mmx430mm
Weight	30kg

Order Information

Cat.No	Product Name	Specification
VNP-32YL	Automatic nucleic acids extraction instrument	32 flux
RM301-02	DNA/RNA extraction kit	96T

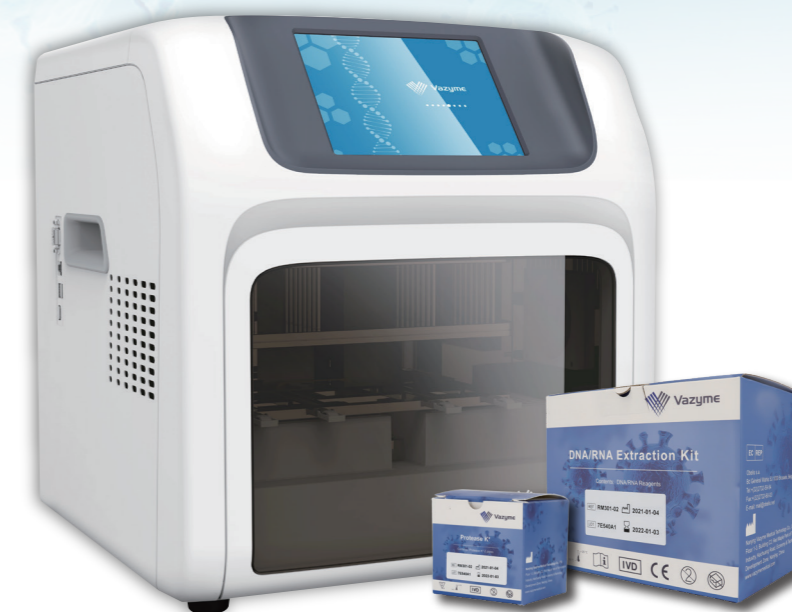
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AUTOMATIC NUCLEIC ACIDS EXTRACTION SYSTEM



Quick · Efficient · Reliable

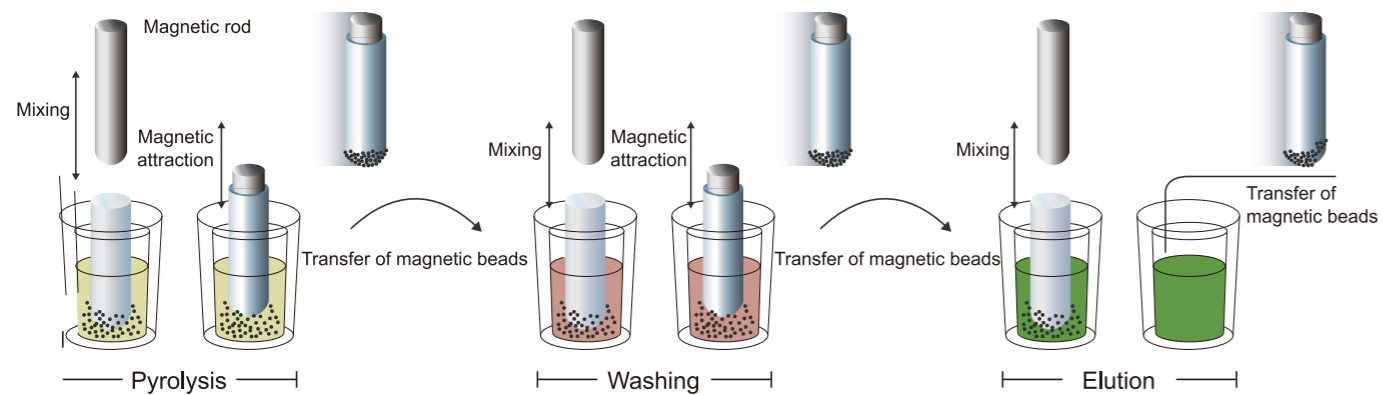
Nanjing Vazyme Medical Technology Co., LTD.

Product Introduction

The fully automatic nucleic acids extraction instrument is a high-throughput and high-accuracy nucleic acid extractor, which can extract and purify nucleic acid from a variety of biological samples such as blood, tissues, cells, body fluids, bacteria and viruses by using the pre-packaged extraction reagents based on superparamagnetic silicon-based beads.

The instrument can be used for purification and concentration of nucleic acid through the adsorption, transfer and release of magnetic beads by magnetic rods. With its high automation fast and simple operation, it is widely applied in the fields of molecular diagnosis and animal epidemic disease detection.

Operation Principles



Key Advantages

High efficiency
Strong magnetic force, the recovery rate of magnetic beads >95%.

Simple settings
Easy process settings for automatic extraction and purification, adding samples and reagents simply.

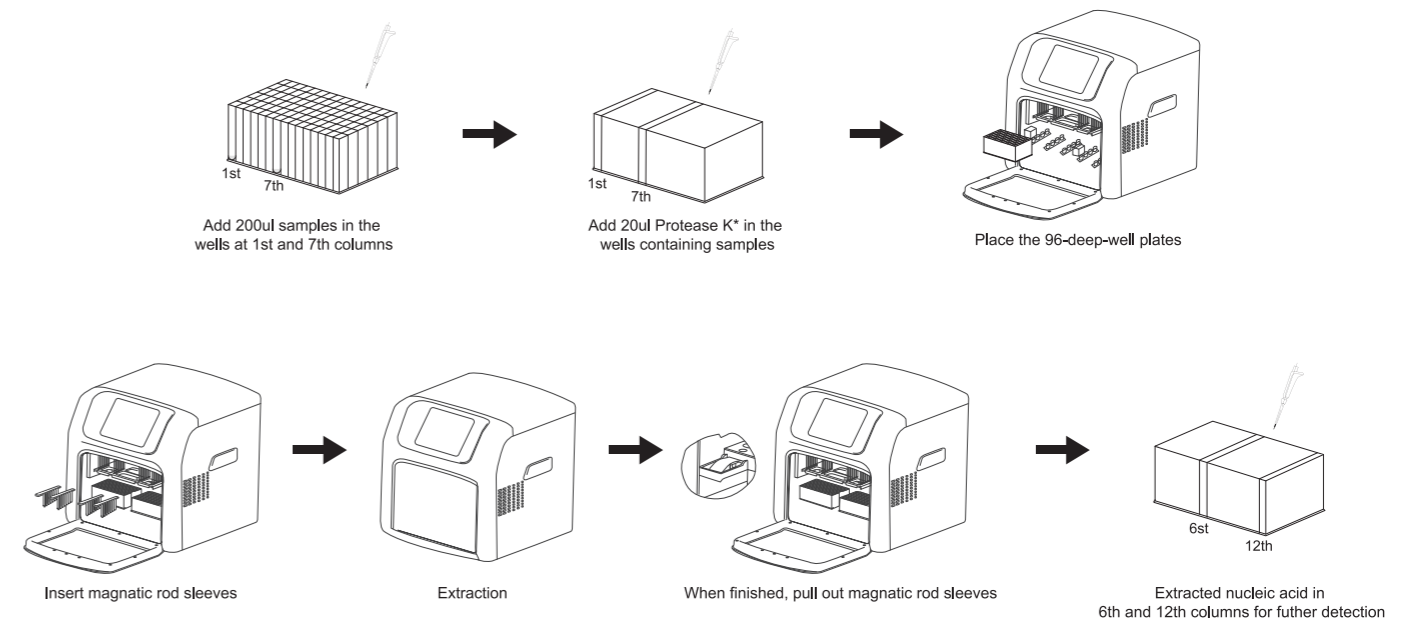
Flexible & Convenient
Touch screen, pre-set program, one-key startup
DNA/RNA co-extraction available.

Rapid extraction
At most 32 samples finished in 10 min, high-throughput with stable and reliable results.

Precise design
Deep hole heating tank for more accurate temperature control.
Screw design, high-precision and stable.

Anti-contamination
Strictly control contamination between wells.
Built-in ultraviolet disinfection function for lower pollution risk.

Experimental Procedure



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