

The image features a white Actra 32 Nucleic Acid Extraction System. The machine has a large touchscreen display on top showing a software interface with various settings and a list of samples. Below the screen is a dark, recessed area where the extraction process takes place. To the right of the machine, a small white box with a blue logo is visible. The background is a stylized landscape with a green hill on the left and a blue field on the right. Three green circular icons are connected to the machine by dashed lines, highlighting its features: a network icon for 'widely used', a medical cross icon for 'high extraction efficiency', and a target icon for 'fast and convenient'.

widely used

high extraction efficiency

fast and convenient

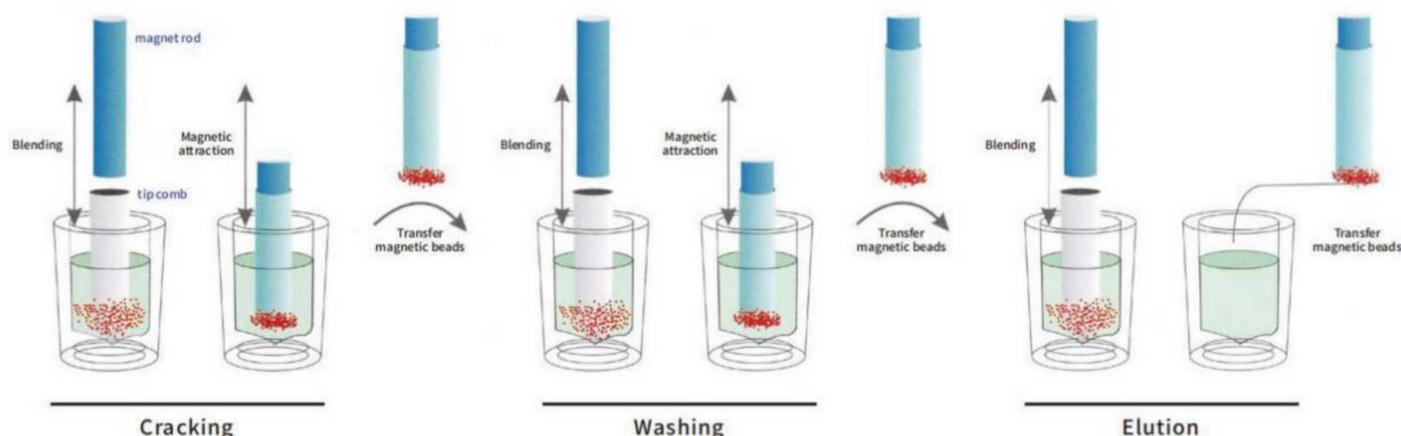
Actra 32

NUCLEIC ACID EXTRACTION SYSTEM

Product introduction

Based on the automated extraction method of magnetic bead adsorption separation, Actra 32 can well overcome the shortcomings of conventional nucleic acid extraction methods and achieve rapid and efficient sample preparation.

Performance Specifications



Performance Specifications

Sample Throughput	1-32 sample, 2 Plate
Disinfection	UV disinfection
Heating Temperature	Room temperature to +120 °C
Reagent type	Magnetic Bead Open Platform
Weight	35kg

Noise decibel	<65 db
Processing Volume	30-1000 ul
Mains power supply	198V-242V, 50Hz/60Hz
Collection efficiency	>95%
Size	400mm × 400mm × 450mm

Product Name

Nucleic acid extraction or purification reagent (magnetic beads method)

The kit uses super paramagnetic magnetic beads with high adhesion as the adsorption carrier. In a suitable environment, magnetic beads adsorb nucleic acids through hydrogen bonds and electrostatic interactions, while proteins and other impurities are not adsorbed and separated. The magnetic beads adsorbed nucleic acid are washed to remove protein and salt ions. In a suitable environment, magnetic beads are separated from nucleic acid to achieve the purpose of nucleic acid extraction.

Specifications

32 Tests/Kit

Storage conditions

Room temperature