



Nucleic Acid Isolation System

(EXM3000)



Molecular

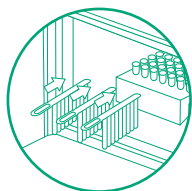


Nucleic Acid Isolation System (EXM3000)

Nucleic acid isolation system EXM3000 can be widely used in scientific research, clinical diagnosis, disease control and prevention, food safety detection, forensic science and other fields. With the matching reagents kit of Zzybio, it can quickly extract nucleic acids in different samples such as whole blood, serum, plasma, throat swabs, secretions, exfoliated cells, urine, sputum, stool and FFPE tissue. The nucleic acid extraction of 32 samples can be completed in 9 minutes, which can significantly shorten the whole PCR detection time.

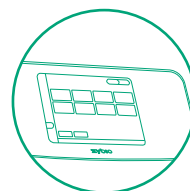


Features



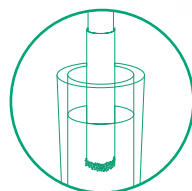
Intelligent and Efficient

- The software reminds whether the magnetic sleeve is inserted correctly to ensure that the magnetic rod is not contaminated
- Alarm reminder for abnormal failure



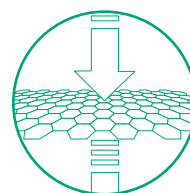
Easy Operation

- 8.4 inch HD touch screen
- Contains 5 sets of preset programs to meet the needs of basic programs
- With prefilled reagent kit to reduce the operation process and time



Excellent Performance

- Magnetic flux is up to 5500 GS, avoid the risk of magnetic bead down
- The extraction program is editable and more 500 programs can be stored

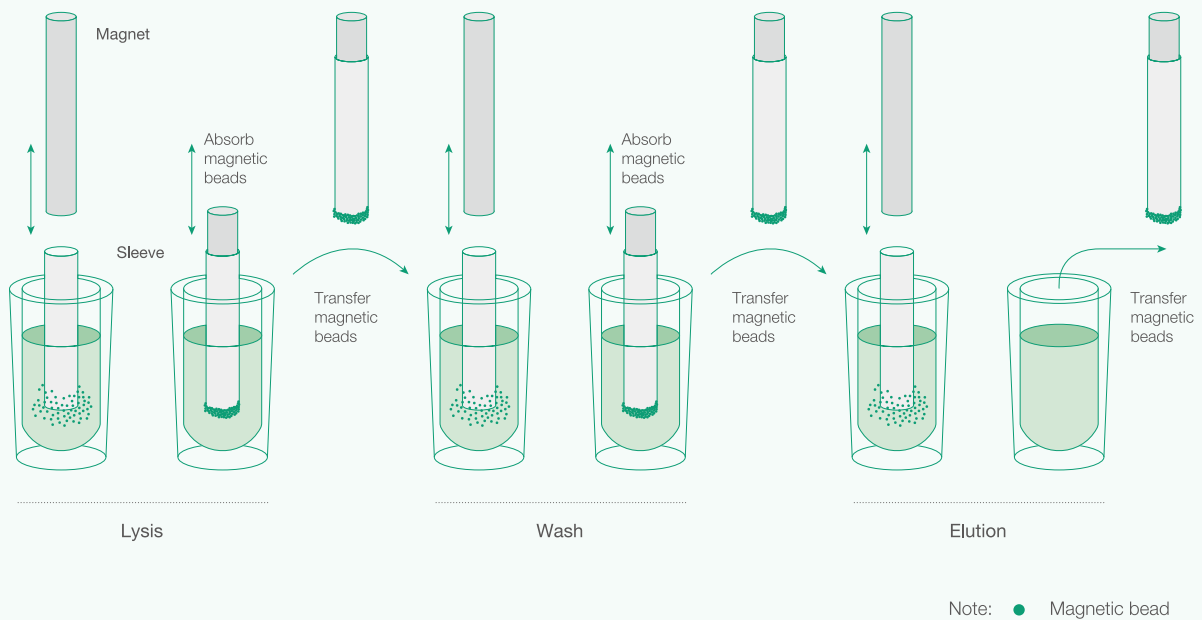


Safety and Reliable

- Equipped with ventilation facilities and negative pressure exhaust function
- Equipped with HEPA filter and filter element to ensure operator safety
- After extraction, automatic UV sterilization reminder

Principle

The isolation system uses the magnet on the experiment cabin to move the magnetic beads adsorbed with nucleic acid to different reagent wells, quickly and repeatedly stir the liquid using the magnetic sleeve to make the magnetic beads and liquid evenly mixed. After lysis, nucleic acid adsorption, magnetic beads transfer, wash and elution, high-purity nucleic acid product are finally obtained. The extracted and purified nucleic acid can be used in the following PCR amplification detection and construction of second generation sequencing library.



Provide complete pre-treatment solution for molecular diagnosis

Name	Model
Nucleic Acid Extraction Kit (MagneticBead Method)	Virus
	Bacteria
	Whole blood
	FFPE
	Stool
	cell-free DNA*



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