

FaSTARprep96

Automated Nucleic Acid Extraction System





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FaSTARprep96 is an automated nucleic acid extraction equipment capable of simultaneously processing up to 96 samples. The latest extraction technology of the rotary mixing method is applied to secure a high recovery rate of over 98% within 20 minutes and anyone can easily and conveniently extract high-purity and high-yield nucleic acids with customer-specific software.



High Through-put

- Simultaneous processing of up to 96 samples within 20 minutes
- High recovery rate (≥98%)
- No need for pre/post processing

1



Magnetic Bead Technology

- Application of magnetic beads and spin extraction technology
- Prevention of contamination between wells through minimized operation
- Optimization of Nucleic Acid Extraction for Disease Diagnostic

2



Various Function

- Blocking and preventing contamination through HEPA Filter & UV Lamp operation
- Induction of optimal reaction of samples through heating function

3

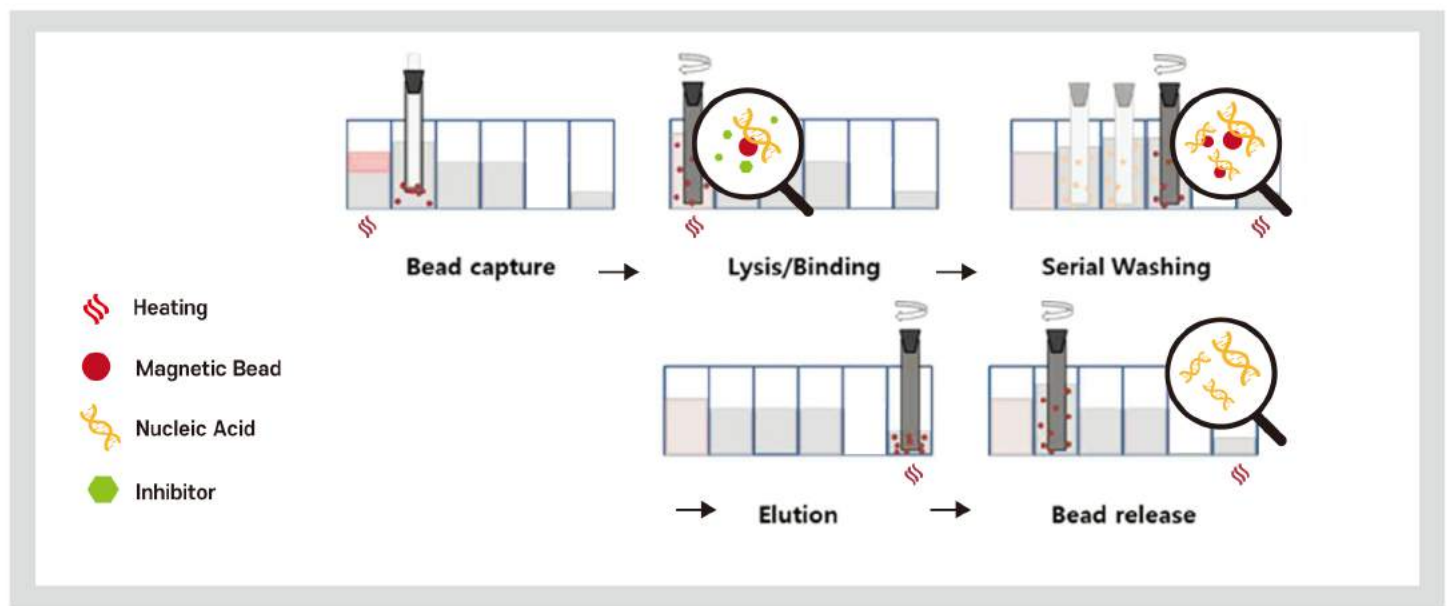


User Friendly

- Increase customer convenience by applying customer-specific & sample type protocols
- Compact Size (510 x 500 x 480 mm)

4

Extraction Principle



Specification

Parameter	Specification
Model	FaSTARprep96 Automated Nucleic Acid Extraction System
Cat. No.	IMC-FAST-P96
Throughput	96 Samples
Collection efficiency of the magnetic particles	≥98%
Processing Volume	50~1000uL
Heating Temperature	RT to 120°C
Operation Interface	Touch Panel
Carry-over contamination control	HEPA filter, Built-in UV lamp
Cross contamination control	Movement control
Dimensions (W x L x H)	510 x 500 x 480 mm
Weight	48kg
Power Requirement	AC110-240V, 50/60Hz, 600W
Operation Temperature	10~40°C
Operation Relative Humidity	<80%

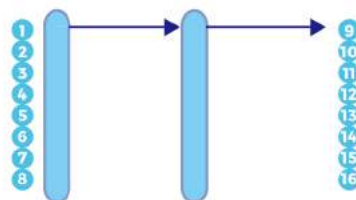


Extraction Kit

FaSTAR-XT PGS DNA/RNA Kit, an exclusive extraction product for FaSTARprep96, enhances user convenience as all reagents necessary for experiments are dispensed. When the equipment is operating, the magnetic bead moves and automatically extracts nucleic acids, preventing possible contamination during experiments and minimizing errors between experimenters.

Feature	
Product	FaSTAR-XT PGS DNA/RNA Kit
Cat. No.	17602-96
Size	96 tests
Application	Purify viral DNA/RNA
Specimen	Swab, Blood, etc

Well Plate Type (96T)



Kit Contents

Prefilled well plates	: 6EA
Mixing Sleeve Unit	: 12EA
Proteinase K, lyophilized	: 2vial
DNase/RNase free water	: 3vial



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