

02 Auto-Pure96/Auto-Pure24 Nucleic Acid Purification System



Auto-Pure96/Auto-Pure24

Products introduction

Auto-Pure series products is an automated system for purifying DNA, RNA, proteins and cells from a variety of sample materials, such as blood, cells and tissue samples. The Auto-Pure purification technology is automated and enables high-speed, high-quality processing with no cross-contamination between the samples or reagent carry-over.

The following automated instruments platforms are available for different processing requirements:

Auto-Pure96

1. Purification of 96 samples in one run
2. Processing volume of 50-1000ul with 2.2ml Deep Well 96 plate

Auto-Pure24

1. Purification of 24 samples in one run
2. Processing volume of 50-10000ul with 14.6ml Deep Well 24 plate

Auto-Pure32A

1. Purification of 32 samples in one run
2. Processing volume of 10-1000ul with 2.2ml Deep Well 96 plate

Auto-Pure20A

1. Purification of 20 samples in one run
2. Processing volume of 50-3000ul with 4ml-tube strips for Auto-Pure20A

Auto-Pure20B

1. Purification of 20 samples in one run
2. Processing volume of 50-5000ul with 6.5ml-tube strips for Auto-Pure20B

Auto-Pure16A

1. Purification of 16 samples in one run
2. Processing volume of 10-1000ul with 2.2ml Deep Well 96 plate

Auto-Pure10B

1. Purification of 10 samples in one run
2. Processing volume of 50-5000ul with 6.5ml-tube strips for Auto-Pure10B

Auto-Pure10BS (with dry bath)

1. Purification of 10 samples in one run
2. Processing volume of 50-5000ul with 6.5ml-tube strips for Auto-Pure10B

Auto-Pure10BW (without heating for lysis and elution)

1. Purification of 10 samples in one run
2. Processing volume of 50-5000ul with 6.5ml-tube strips for Auto-Pure10B

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High throughput, fast extraction and modular design can meet variety of needs by one unit.



Magnetic head for Auto-Pure96



Auto-Pure96 consumable



Auto-Pure24 consumable



Magnetic head for Auto-Pure24



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Operational advantages

1. High-throughput:

Auto-Pure96 can process 96x1ml samples simultaneously
Auto-Pure24 can process 24x10ml samples simultaneously

2. Open and multiple functions design can be provided more methods for reagent optimization, and also a reliable choice
3. Touchscreen interface and easy operation, parameters can be tuned based on experimental requirements
4. Accurate temperature control system ensures stability of purification performance
5. Patent structure design with center rotary table which makes it occupies smaller area
6. Patent design for automatic loading and unloading structure of magnetic rod tip comb, which guaranteed stability and liability (Success rate >99.99%)

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Antipollution measures

1. Avoid reagent splashing through drip shield plate and beads dried way controlled by software
2. Disposable consumables which can avoid cross contamination

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Simple and intelligentized operation

1. Front door can be opened, you can stop it at any moment which is very convenient for reagent optimization and experimental status viewing
2. Start with self-check, equipped with power-off protection
3. 8-plate identification design guaranteed their target position, even though external forces exist
4. Automatic detection in case kit missing
5. With QR code identification, special reagent can be recognized, without setting program or obtaining protocols



Auto-Pure96/24
the front door can be opened

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Compatible with automated systems (Optional)

Auto-pure96/24 can be used with automatic equipment, including mechanical arm, liquid processing system, etc., which meet the demand of high-flux experiment