

The PurePrep 96

The PurePrep 96 product 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 PurePrep 96 purification technology is automated and enables high-speed, high-quality processing with no cross-contamination between the samples or reagent carry-over.



High throughput, fast extraction and modular design can meet variety of needs in a single unit.

Operational advantages

- High throughput: the PurePrep 96 can process 96 samples in working volume of 1 ml simultaneously
- Open and multiple functions design to provide more methods for reagent optimization
- Touchscreen interface and easy operation, parameters can be tuned based on experimental requirements
- Accurate temperature control system ensures stability of purification performance
- Patented structure design with center rotary table, optimizing space of the magnetic rod tip comb, which improves stability and reliability (success rate >99.99%)

Cross contamination prevention

- Avoid reagent splashing, through drip shield plate
- Avoid bead drying, controlled by software
- Consumables to avoid cross contamination

Simple and intelligent operation

- Front door can be opened to stop the system at any moment for reagent optimization and performance checking
- Starts with self-check, equipped with power-off protection
- 8-plate identification design guarantees target position
- Automatic detection of consumables presence
- QR code identification for reagent recognition, without program selection

Compatible with automated systems (optional)

The PurePrep 96 can be used with automation system, including robotic arms, liquid handlers, etc.

Plastics

4x deep well 96 plate



1x 96 deep well tip comb



1x 96 elution plate



Technical Data

Type	PurePrep 96
Throughput	1 to 96
Process volume	50 to 1,000ul
Collection efficiency	> 95%
Magnetic rods	96
Accuracy	CV < 5%
Processing plate type	96 Deepwell plate
Heating for lysis tube	Ambient temperature to 120°C
Heating for elution tube	Ambient temperature to 120°C
Operation	7-inch color touch screen
Extraction steps	Lysis, sample binding, washing and elution
Storage capacity	> 100 programs
Protocol management	Create, edit and delete mode
Decontamination	UV light
Extension interface	4 standard USB port, built-in SD card
Cooling system	Fan-based
Power Supply	450W
Dimensions	560 × 620 × 500mm
Weight	54kg

Accessories

Code	Description
OE-17060-00	PurePrep 96 Nucleic Acid Purification System, AC120V/240V, 50/60Hz
OE-17061-01	Magnetic tip comb for PurePrep 96
OE-17061-02	96-Deepwell plate for PurePrep 96
OE-17061-03	96-Elution plate for PurePrep 96

For more information and orders



E-mail: orders@d-markbio.com
 Ph: 1-800-784-7485; (416) 297-8220
 Fx: 416-297-7459
 35 Grand Marshall Drive | Toronto ON M1B 5W9