

Auto-Pure20B Nucleic Acid Purification System



Product Information

Auto-Pure32A/Auto-Pure20A/Auto-Pure20B is a device for DNA and RNA purification by using magnetic separation technology from different samples, such as blood, cultured cells or bacteria, tissues, cell-free body fluids and plant samples. The device is capable of using magnetic rods to transfer particles through the various purification phases of binding, mixing, washing and elution, offering a solution with minimized hands-on time. The DNA and RNA purification is of high quality and high molecular weight.

Features

1. Easily to use with 7 inch touch screen
2. Very simple operation (easy to install, operate, maintain) without computer
3. Very fast extraction protocol, 15~40 minutes / cycle depending on sample type and method
4. Universal built-in program for easy using and high purity and excellent yield of nucleic acid
5. UV lamp to avoid cross contamination
6. Open system can optimize purification proposal according to various magnetic beads kits
7. Drawer design to prevent possible injuries
8. Capable of extracting 1~20 samples or 1~32samples per run, and process samples up to 1ml, 3ml and 5ml

Process samples up to 1ml, 3ml or 5ml

With the Auto-Pure series can process up to 32 samples per run when the working volume is up to 1ml. With the ability to change the instrument configuration, the customers can elevate the sample processing volume up to 3ml or 5ml to obtain higher yields of the purified product, and the throughput up to 20 samples.

Special features for Auto-Pure20B

1. Patented design for 5ml tubes strip
2. Process samples up to 5ml and Max. sample volume 2ml
4. Patented design for line-mixing the sample, it's good for cell free fetal DNA and next-generation sequencing technology and non-invasive prenatal diagnosis

Technical Data

Type	Auto-Pure20B
Throughput	1~20
Process volume	50~5000ul
Collection efficiency	>95%
Magnetic rod number	20
Purification accuracy	100 copy sample positive rate>95%
Stability	CV<5%
Plate types	5ml tube strip
Heating for lysis tube	Ambient temperature~120°C
Heating for elution tube	Ambient temperature~120°C
Operation	7 inch color touch screen
Extraction steps	Lysis, Sample binding, Washing and elution

Storage Capacity	more than 100 programs
Protocol Management	Create, edit, delete, protocol mode
Pollution Control	UV light
Lighting	Yes
Extension interface	4 standard USB port, built-in SD card
Exhaust	Fan
Power Supply	450W
Dimensions	400×520×450mm
Weight	28Kg

Accessories

Code	Description
AS-17050-00	Auto-Pure20B Nucleic Acid Purification System, AC120V/240V, 50/60Hz
AS-17041-02	Magnetic rod's tip for Auto-Pure20A / Auto-Pure20B
AS-17051-01	Tube strips for Auto-Pure20B (Special design) – 5ml