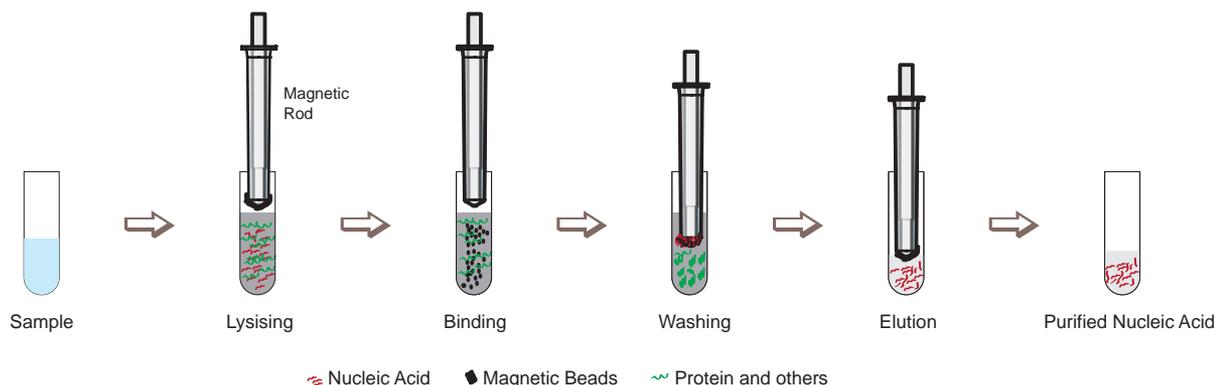


Nucleic Acid Purification System

Auto-Pure20 / Auto-Pure32 Nucleic Acid Purification System

Auto-Pure20 / Auto-Pure32 is a bench top device for DNA and RNA purification by using magnetic separation technology from different starting materials, 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.

■ Magnetic Bead Extraction:



■ Features:

1. It is easy 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
5. High purity and excellent yield of nucleic acid
6. UV lamp to avoid cross contamination
7. 3 shortcut key to make for easy running, stopping the magnetic beads program
8. Open system can optimize purification proposal according to various magnetic beads kits
9. Drawer design to prevent possible injuries
10. With special plastic consumables to avoid cross contamination
11. Improves workflow, and allows staff to perform other value-added tasks
12. Ensures impurities are removed; improved sample quality leads to better downstream analyses
13. Capable of extracting 1~20 samples or 1~32samples per run
14. Alarm for indicating the completion of purification
15. Pause function for emergent stop

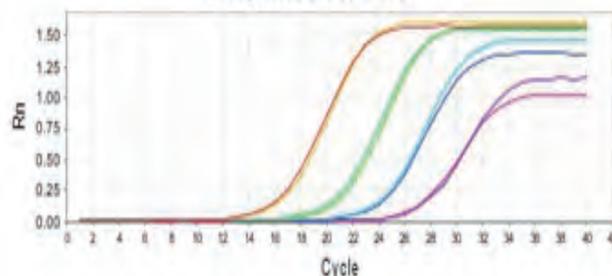


■ Applications:

The nucleic acid purification system range of applications includes:

- Genomics
- CDC
- Forensics
- Biomarker discovery
- Veterinary assays

Amplification Plot



Real Time PCR used to calculate sensitivity of Auto-pure20 Viral Nucleic Acid extraction kit.

The Auto-Pure20 allows all purification and processing steps to be carried out in special designed tube with two sample tubes. It can operate 20µl~3ml volume and operate the high yield of nucleic acid of 1-20 samples in parallel.

The Auto-Pure32 is recommended for labs with medium-high sample throughputs. It comes with a 96 deepwell plate for nucleic acid purification of up to 32 samples at the same time.



Auto-pure20



Auto-pure32

■ Specification:

Type	Auto-Pure20	Auto-Pure32
Throughput	1~20	1~32
Sample volume	20~3000ul	20~1000ul
Collection efficiency of the magnetic particles	>95%	>95%
Magnetic rod number	20	32
Plate types	Tubes with double sample tubes (Special design)	96 Deepwell plate
Extraction steps	Lysis, Sample binding, Washing and elution	Lysis, Sample binding, Washing and elution
Purification accuracy	100 copy sample positive rate >95%	100 copy sample positive rate >95%
Heating Temperature	For cell lysis: Ambient temperature ~90	For cell lysis: Ambient temperature ~90
For nucleic acid elution	Ambient temperature ~90	Ambient temperature ~90
Operation	7 inch color touch screen	7 inch color touch screen
Storage Capacity	more than 100 programs	more than 100 programs
Protocol Management	Create, edit , delete, protocol mode	Create, edit , delete, protocol mode
Pollution Control	UV light	UV light
Extension interface	4 standard USB port, built-in SD card	4 standard USB port, built-in SD card
Exhaust	Fan	Fan
Power Supply	AC110/220V, 50/60Hz	AC110/220V, 50/60Hz
Dimensions	440mm x 467mm x 453mm	440mm x 467mm x 453mm
Weight	23kg	23kg

Code	Description
AS-17010-00	Auto-Pure20 Nucleic Acid Purification System; AC120V/240V ; 50/60Hz
AS-17020-00	Auto-Pure32 Nucleic Acid Purification System; AC120V/240V ; 50/60Hz
AS-17011-01	Magnetic rod's tip for Auto-Pure20
AS-17011-02	Tube strips for Auto-Pure20 (Special design)
AS-17021-01	Magnetic rod's tip for Auto-Pure32
AS-17021-02	96-Deepwell plate for Auto-Pure32