

# Viral Nucleic Acid Extraction Kit

## (Magnetic Beads)

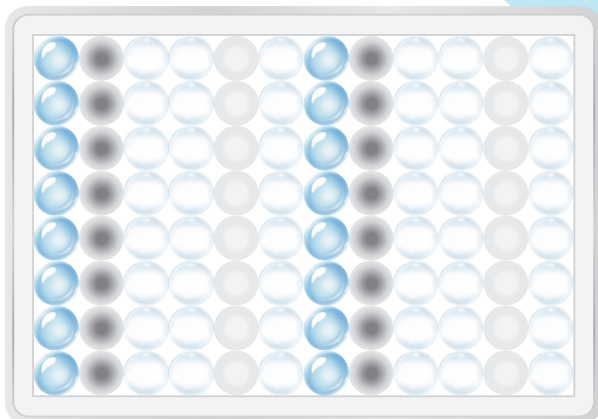
The Viral Nucleic Acid Extraction Kit (Magnetic Beads) is optimized for purification of DNA/RNA from serum, plasma and cell preservation solution. DNA/RNA extracted with this kit can be applied various downstream applications, such as Real-Time PCR and DNA sequencing.

### Specifications

- **Storage:** 15°C - 30°C
- **Shelf life:** 12 months from the date of manufacture
- **Packaging Specification:**
  - SNCE01:**
    - 48 tests/ kit (Bottled)
    - 96 tests/ kit (Bottled)
  - SNCE02:**
    - 2 plates/ kit, 8 preps/ plate (Pre-packed)
    - 3 plates/ kit, 16 preps/ plate (Pre-packed)
    - 96 preps/ 5 plates/ kit (Pre-packed)



1 2 3 4 5 6 7 8 9 10 11 12



### 1&7 Lysis Buffer

The Lysis Buffer rapidly dissolves the protein and releases the nucleic acid.

### 2&8 Magnetic Beads

The released nucleic acid components can be attached to magnetic beads.

### 3&9 Wash Buffer 1

### 4&10 Wash Buffer 2

Protein, inorganic salt ions and various organic impurities are removed by repeated washing.

### 6&12 Elution Solution

The purified nucleic acid was eluted with Elution Solution.

# Applicable models



## HG-N32 Nucleic Acid Purification System

The instrument series are bench top devices for DNA and RNA purification by using magnetic separation technology from samples, such as blood, cultured cells, bacteria, cell-free body fluids and plants. The device utilizes magnetic rods to transfer particles the purification phases of binding, mixing, washing and elution. The automatic workflow is optimized to minimize hands-on time.

### Features

- Automated Purification Method
- 7 inch touch screen intuitive operation
- 15-40 minute extraction protocol
- Sample Volumes up to 1 mL, 3 mL and 5 mL
- Open System to support various extraction kits
- Series of models for various throughputs



Principle	Magnetic Particle Method
Throughput	1~32
Sample Volume	20 $\mu$ L~1000 $\mu$ L
Magnetic Rod Number	32
Temperature Accuracy	$\pm 1^{\circ}\text{C}$

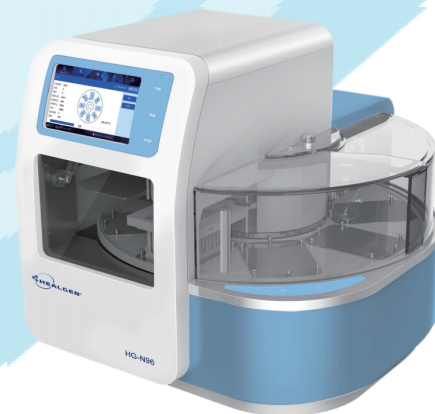
Dimension	400mm×470mm×450mm
Weight	28Kg
Precision	CV<5%
Exhaust	Fan
Power Supply	450W

## HG-N96 Nucleic Acid Purification System

The 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.

### Features

- Compatible with automated systems (Optional)
- Touchscreen interface and easy operation, parameters can be tuned based on experimental requirements
- Antipollution measures
- Simple and intelligitized operation
- High-throughput: Auto-Pure96 can process 96x1ml samples simultaneously



Process volume	50~1000ul	Storage Capacity	More than 100 programs
Collection efficiency	>95%	Exhaust	Fan
Stability	CV<5%	Power Supply	450W
Operation	7 inch color touch screen	Throughput	1~96
Pollution Control	UV light	Lighting	Yes



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