

# Singu48

## Nucleic Acid Extractor (Magnetic bead method)





### Efficient

Unique extraction mode , easy and high efficiency of batch operation with short extraction time ( 9-18 minutes ).



### Precision

Precise constant temperature control system and precise design of magnetic beads to assure the high purity extraction.



### Safety

Extraction process is completed in a closed environment and disinfected aby ultraviolet lamp to avoid pollution.



### Convenient

Friendly-use software and different extraction methods can be set according to the sample type.

## Specifications

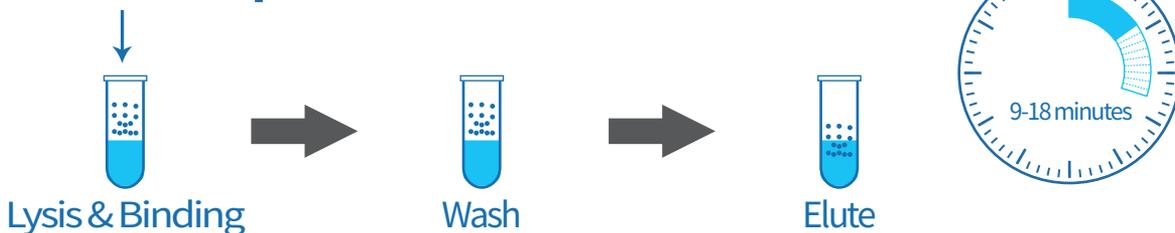
Method	Magnetic bead
Sample type	Whole blood, serum, plasma, throat swab, puncture fluid, etc.
Throughput	48 samples
Extraction volume	20-1000 $\mu$ L
Magnetic beads recovery rate	More than 98%
Temperature accuracy	6pcs independent heating modules, and customized lysis temperature as required
Extraction time	9-18 minutes
Sensitivity	50-100 copies / ml
Disinfection	Built-in ultraviolet lamp
CV	Less than 3%
Dimension	482*424*434mm

# Nucleic Acid Extraction Kit

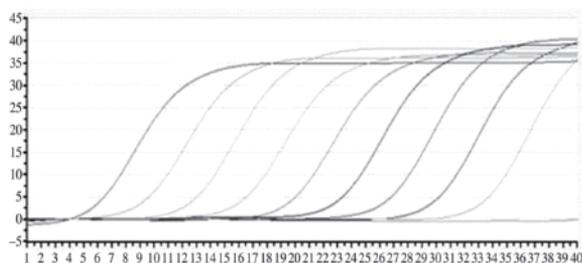


1. The magnetic beads with unique separation function and buffer system can extract high purity disease virus DNA/RNA from sample rapidly with high sensitivity and efficiency.
2. The extracted and purified nucleic acid can be used for enzyme digestion, reverse transcription, PCR, RT-PCR, Southern blot and other common molecular experiments.
3. Scope of application: Plasma, Serum, Urine ascites, Cell culture medium, Rapid extraction of virus DNA or RNA.
4. The Nucleic acid recovery rate is 90~110% .
5. Minimum viral extraction load as low as 10 copies/ml.
6. Transportation and preservation at room temperature.

## Extraction process

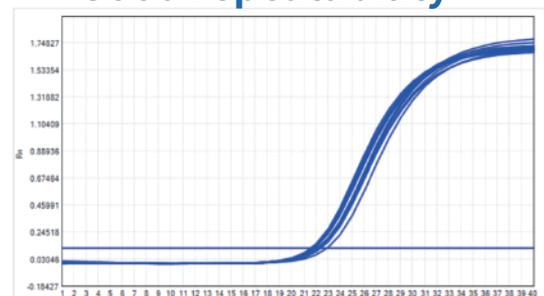


### High sensitivity



A positive sample diluted many times still can extract high-quality nucleic acid virus.

### Good repeatability



The same sample was extracted with good repeatability.

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