

Virus Nucleic Acid Extraction Kit

Nucleic Acid Extraction Kit (Model: T-1728/T-96)

HOT SALE

Efficient, large package virus nucleic acid extraction kit

Using superparamagnetic beads, efficiently isolate the virus DNA and RNA from sample, compatible with our MGISP-NE384, MGISP-960 and MGISP-100 system



● Feature

 **Widely sample type**

 **Automation friendly**

 **High efficiency, the LOD as low as 100 copies per mL with RT-PCR**

● Product Info

| | |
|---------------------|---|
| Specification | 1728 preps, 96 preps |
| Storage temperature | Box 1: 0~30°C |
| | Box 2: -25~-15°C |
| Principle | Magnetic Beads |
| Sample type | Nasopharyngeal swabs, oropharyngeal swabs, saliva, cervical swabs, FTA card washing solution and BALF |
| Product | Virus DNA and RNA |
| Input volume | 160 -200 μ L recommended |
| TAT | MGISP-960: 192 samples / 60 mins |
| | MGISP-100: 8-32 samples / 40-80 mins |
| | MGISP-NE384: 384 samples / 20-30 mins |
| Application | PCR,RT-PCR |

- Performance

Method Dilute the cultured virus to different concentration, and extracted it using T-1728 on MGISP-960 and Competitor Q by manual

Result MGI's kit has the same efficiency as the competitor Q, the LOD as low as 100 copies per mL with RT-PCR

| Sample concentration | Item | T-1728/T-96 | Competitor Q |
|----------------------|----------------|-------------|--------------|
| 200 Copies/mL | Sample number | 20 | 2 |
| | Mean Ct | 34.6 | 35.09 |
| | CV% | 1.39% | 0.85% |
| | Detection rate | 100% | 100% |
| 150 Copies/mL | Sample number | 20 | 2 |
| | Mean Ct | 34.85 | 35.58 |
| | CV% | 1.26% | 1.41% |
| | Detection rate | 100% | 100% |
| 100 Copies/mL | Sample number | 20 | 2 |
| | Mean Ct | 35.28 | 36 |
| | CV% | 1.89% | 1.00% |
| | Detection rate | 100% | 100% |

- Order Information

| Class | Product Name | Model | Certificate | Specification | Cat. No. |
|------------------------------|-----------------------------|--------|-------------|---------------|------------|
| Virus DNA and RNA Extraction | Nucleic Acid Extraction Kit | T-1728 | CE | 1728 preps | 1000021043 |
| | | T-96 | | 96 preps | 1000021042 |