

Virus Nucleic Acid Extraction Kit

MGIEasy 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	MGIEasy Nucleic Acid Extraction Kit	T-1728	RUO	1728 preps	1000020261
		T-96		96 preps	1000020471