

# Nucleic Acid Extraction Kit

## Easy to use

Just transfer sample, magnetic beads and enhancer in to 96 well plate before loading onto MGISP-NE384, the TAT is as short as 20 minutes approximately

## Super high throughput

Max throughput up to 10000 samples per day with MGISP-NE384

## High efficiency

LOD is 100 copies / mL with RT-PCR

The kit is designed for effectively extracting viral nucleic acid from swab samples with superparamagnetic beads technology, the main reagents prepacked into 96 well plate, easy to use, compatible with MGISP-NE384 perfectly. the extracted product can be used for RT-PCR.



## Performance

### High efficiency

We extracted the pseudovirion, followed by RT-PCR, the result indicates our kit can efficient-ly and stably extract the viral nucleic acid as low as 100 copies / mL, Cutoff Ct < 38.

Table 1 RT-PCR result

Sample ID	Ct-200 cp/mL	Ct-100 cp/mL
1	35.47	37.55
2	35.52	36.83
3	36.57	37.14
4	36.00	36.38
5	36.88	35.52
6	36.15	37.69
7	36.69	36.89
8	36.85	36.69
9	34.38	36.21
10	35.43	37.91
11	36.74	35.64
12	35.88	37.03
13	36.06	36.3
14	36.95	37.21
15	35.64	36.31
16	35.45	37.04

## Product info

Name	Nucleic Acid Extraction Kit
Model	VDR01P-96
Specification	96 Preps / Set
Storage	Box 1: RT
	Box 2: -25~-15°C
	Box 3: 2~8°C
Sample type	Nasal swab, Throat swab
Input	200 μ L
Output	50 μ L
Automation	MGISP-NE384
TAT	~20 minutes

## Order info

### Reagent

Name	PN	Certification
Nucleic Acid Extraction Kit	1000027006	CE-IVD

### Instrument

Name	PN	Certification
MGISP-NE384	900-000359-00	CE-IVD
MGISP-NE384RS	900-000358-00	RUO

