

# Nucleic Acid Extraction Kit

The Kit is designed for extracting viral nucleic acid from throat swab samples with special buffer which make the TAT as short as 10 minutes, all the reagents prepacked into 96 well plate, compatible with MGISP-NE32 perfectly. the extracted product can be used for RT-PCR and Sequencing.



## Easy to use

All the reagents prepacked into 96 well plate, the on-hand time is very short.



## Fast

Approximate 10 mins from sample to nucleic acid



## High efficiency

The LOD of this kit for RT-PCR detection is 150 copies/mL



## Performance

- High efficiency

We diluted and extracted the 150 copies / mL pseudovirion, followed by RT-PCR, the result indicates all the sample detected successfully

Table 1 RT-PCR result (Cutoff≤38)

Sample ID	Ct value	Sample ID	Ct value
S1	34.09	S11	35.64
S2	34.56	S12	34.47
S3	34.89	S13	35.4
S4	34.08	S14	34.17
S5	34.49	S15	35.68
S6	34.7	S16	35.58
S7	37.65	S17	33.9
S8	35.27	S18	35.27
S9	35.9	S19	34.85
S10	34.03	S20	34.04

