

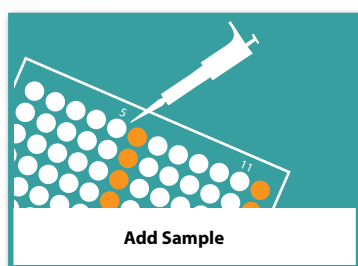
## Fully Automated Nucleic Acid Extraction System with **Quality, Speed** and **Affordability**

- ➔ More Than **500,000** COVID-19 Tests Done in Malaysia & **Millions** Worldwide
- ➔ No Cross Contamination
- ➔ Lowest Cost per Prep
- ➔ **FDA & ISO 13485 Certified**
- ➔ 1-32 Samples (30 minutes runtime)
- ➔ Processing Volume of 50 – 1,000ul
- ➔ Collection Efficiency of 100 Copies/ml
- ➔ Purification Accuracy of CV < 3%
- ➔ **UV Light For Decontamination**



Additional kits priced at RM 1,250/kit  
P/N S032  
**RM 53,000**  
including 1 kit of MVP096 (96 preps)

The S032 Nucleic Acid Extraction System and its viral extraction kit utilizes the unique characteristic of magnetic beads bonding to purify and target nucleic acid samples effectively.



### Geneaid Magnetic Beads Virus DNA/RNA Extraction Plate Kit (MVP096)



- ➔ Suitable for COVID-19 testing
- ➔ Highly sensitive without Proteinase K and Carrier RNA
- ➔ Automatically manufactured in the GMP factory

- Extracted positive control (N gene)
- Extracted positive control (E gene)
- 9x10<sup>3</sup> copies of SARS-CoV-2 (N gene)
- 9x10<sup>2</sup> copies of SARS-CoV-2 (N gene)
- 9x10<sup>3</sup> copies of SARS-CoV-2 (E gene)
- 9x10<sup>2</sup> copies of SARS-CoV-2 (E gene)

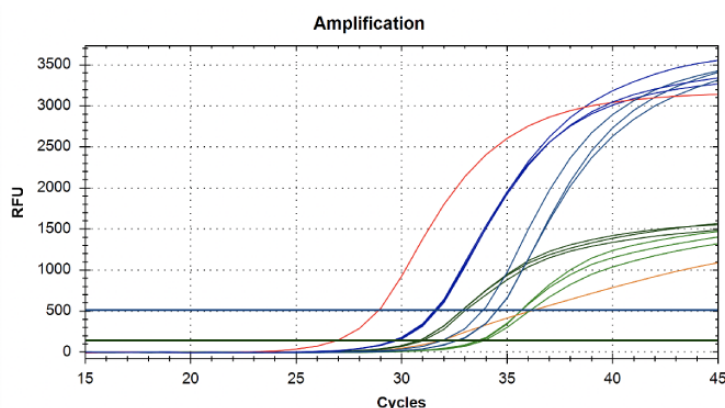


Figure 1. The synthetic SARS-CoV-2 genomic RNA was extracted from 200 µl of VTM using Geneaid Magnetic Beads Virus DNA/RNA Extraction Plate Kit combined with SYNC Nucleic Acids Extraction System (3 replication). 6 µl of extracted viral RNA from 80 µl eluate was used for COVID-19 detection using a FDA EUA certified COVID-19 real-time PCR detection kit (detecting SARS-CoV-2 N gene and E gene). The results showed that 9 x 10<sup>2</sup> copies of SARS-CoV-2 were successfully detected.