

Genomic RNA from SARS-Related Coronavirus 2, Isolate Hong Kong/VM20001061/2020

Catalog No. NR-52388

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Contributor:

J. S. M. Peiris, Tam Wah-Ching Professor in Medical Sciences, School of Public Health, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong, China

Manufacturer:

BEI Resources

Product Description:

Genomic RNA was extracted from a preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero E6; ATCC® CRL-1586™) infected with severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2), isolate Hong Kong/VM20001061/2020.

SARS-CoV-2, isolate Hong Kong/VM20001061/2020 was isolated from a nasopharyngeal aspirate and throat swab from an adult male patient on January 22, 2020 in Hong Kong.¹

The complete genome of SARS-CoV-2, isolate Hong Kong/VM20001061/2020 has been sequenced (GISAID: EPI_ISL_412028). SARS-CoV-2, Isolate Hong Kong/VM20001061/2020, passage 6 (BEI Resources NR-52388 lot 70034679) sequence (GenBank: [MT547814](#)) shows 7 sequence variants (6 with single nucleotide polymorphisms and one 27-base pair deletion in the ORF6 region) compared to the SARS-CoV-2, Isolate Hong Kong/VM20001061/2020 (GISAID: EPI_ISL_412028). The variations were detected by whole genome sequencing completed at BEI Resources.

Material Provided:

Each vial contains approximately 100 µL of viral genomic RNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 7.0). The viral genomic RNA is in a background of cellular nucleic acid and carrier RNA. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-52388 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -60°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic RNA from SARS-Related Coronavirus 2, Isolate Hong Kong/VM20001061/2020, NR-52388.”

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories](#). 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbi5/index.htm.

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References:

1. Peiris, J. S. M., Personal Communication.

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