

Genomic RNA from SARS-Related Coronavirus 2, Isolate hCoV-19/USA/COR-22-063113/2022 (Lineage BA.5; Omicron Variant)

Catalog No. NR-58496

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic RNA was isolated from a preparation of cell lysate and supernatant from *Homo sapiens* lung adenocarcinoma epithelial cells (Calu-3; ATCC® HTB-55™) infected with SARS-CoV-2, isolate hCoV-19/USA/COR-22-063113/2022. SARS-CoV-2, isolate hCoV-19/USA/COR-22-063113/2022 was isolated from a human in May 2022, in Memphis, Tennessee, USA.¹

NR-58496 has been qualified for PCR applications by amplification of approximately 950 base pairs of the ORF1ab gene. Recommended dilutions for successful RT-PCR amplification are indicated on the Certificate of Analysis for each lot.

Material Provided:

Each vial contains approximately 100 µL of viral genomic RNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 8.0). 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-58496 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, hCoV-19/USA/COR-22-063113/2022 (Lineage BA.5; Omicron Variant), NR-58496."

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](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

Disclaimers:

You are authorized to use this product for research use only. This product is not intended for human use.

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References:

1. Webby, R. J., Personal Communication.

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