

SARS-Related Coronavirus 2, Isolate hCoV-19/USA/GA-EHC-2811C/2021 (Lineage B.1.1.529; Omicron Variant), Gamma-Irradiated

Catalog No. NR-56496

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

NR-56496 consists of a crude preparation of cell lysate and supernatant from *Homo sapiens* lung adenocarcinoma epithelial cells (Calu-3) infected with severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2), isolate hCoV-19/USA/GA-EHC-2811C/2021 that was gamma-irradiated (5×10^6 RADs) on dry ice, followed by sonication.

SARS-CoV-2, isolate hCoV-19/USA/GA-EHC-2811C/2021 was isolated from a mid-turbinate swab from a vaccinated patient with travel history from Africa/South Africa on December 1, 2021, in Georgia, USA.¹ The complete genome of SARS-CoV-2, hCoV-19/USA/GA-EHC-2811C/2021 has been sequenced (GISAID: EPI_ISL_7171744).¹

Material Provided:

Each vial contains approximately 0.5 mL of gamma-irradiated and sonicated cell lysate and supernatant from Calu-3 cells infected with SARS-CoV-2, isolate hCoV-19/USA/GA-EHC-2811C/2021.

Packaging/Storage:

NR-56496 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: SARS-Related Coronavirus 2, Isolate hCoV-19/USA/GA-EHC-2811C/2021 (Lineage B.1.1.529; Omicron Variant), Gamma-Irradiated, NR-56496, contributed by Mehul Suthar."

Biosafety Level: 1

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/bmbl5/index.htm.

Disclaimers:

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References:

1. [GISAID](#)

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