

**SARS-Related Coronavirus 2, Isolate hCoV-19/USA/MD-HP05285/2021 (Lineage B.1.617.2; Delta Variant), Heat Inactivated**

**Catalog No. NR-56128**

**For research use only. Not for use in humans.**

**Contributor:**

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**Manufacturer:**

BEI Resources

**Product Description:**

NR-56128 is a preparation of severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2), isolate hCoV-19/USA/MD-HP05285/2021 that has been inactivated by heating to 65°C for 30 minutes and diluted prior to vialing.

SARS-CoV-2, isolate hCoV-19/USA/MD-HP05285/2021 was isolated from a human in Maryland, USA on April 26, 2021.<sup>1</sup>

The complete genome of the clinical isolate of SARS-CoV-2, hCoV-19/USA/MD-HP05285/2021 has been sequenced (GISAID: EPI\_ISL\_2103264).<sup>1,2</sup>

**Material Provided:**

Each vial contains approximately 0.25 mL of heat inactivated, clarified and diluted cell lysate and supernatant from *Homo sapiens* lung adenocarcinoma epithelial cells (Calu-3; ATCC® HTB-55™) cells infected with SARS-CoV-2, isolate hCoV-19/USA/MD-HP05285/2021. The vial should be centrifuged prior to opening.

**Note:** The long-term stability of this preparation is not known at this time. It is recommended that users confirm the activity of the product if not used within three months of receipt. You may also contact BEI Resources for updated stability information.

**Packaging/Storage:**

NR-56128 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. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. 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/MD-HP05285/2021 (Lineage B.1.617.2; Delta Variant), Heat Inactivated, NR-56128."

**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/bmb15/index.htm](http://www.cdc.gov/biosafety/publications/bmb15/index.htm).

**Disclaimers:**

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**Use Restrictions:**

SARS-CoV-2 materials provided by BEI Resources under the EUSLA are made available for any legitimate purpose, including commercial purposes as long as they are to rapidly prevent, detect, prepare for, and respond to, the spread or transmission of the 2019 SARS-CoV-2. Any further transfer of the original material or any unmodified progeny must be done under the terms of the EUSLA, documented as described above and you must notify BEI Resources of each subsequent transfer. Any new materials made by you that are not the original material or unmodified progeny are excluded from this requirement and you are free to share and commercialize those as your materials.

**References:**

1. [GISAID](https://gisaid.org)
2. Rambaut, A., et al. "A Dynamic Nomenclature Proposal for SARS-CoV-2 Lineages to Assist Genomic Epidemiology." Nat. Microbiol. 5 (2020): 1403-1407. PubMed: 32669681.

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