

SARS-CoV, Gamma-Irradiated and Sucrose-Purified, 1 x 10⁶ PFU Equivalents per mL in Spent Vero E6 Cell DMEM

Catalog No. NR-9324

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Contributor:

NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH

Product Description:

NR-9324 is a preparation of SARS coronavirus (SARS-CoV; Urbani strain) that has been inactivated using gamma irradiation. The SARS-CoV used in the production of NR-9324 was obtained from the Centers for Disease Control, Atlanta, Georgia. The virus was grown in Vero E6 cells, concentrated by precipitation with polyethylene glycol/salt and inactivated using a Cobalt-60 gamma irradiator. The irradiated virus was purified by sucrose density centrifugation and diluted in spent Vero E6 cell Dulbecco's Minimal Essential Medium (DMEM) to 1 x 10⁶ pfu equivalents per mL.

Material Provided:

Each vial contains approximately 1.0 mL of NR-9324.

Packaging/ Storage:

NR-9324 was packaged aseptically in 1.2 mL cryovials. The product is shipped frozen on dry ice and should be stored at -60°C or colder immediately upon arrival.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: SARS-CoV, Gamma-Irradiated and Sucrose-Purified, 1 x 10⁶ PFU Equivalents per mL in Spent Vero E6 Cell DMEM, NR-9324."

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, 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm.

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