

### **SARS-CoV, Gamma-Irradiated and Sucrose-Purified, 1 x 10<sup>8</sup> PFU Equivalents per mL in Spent Vero E6 Cell DMEM**

#### **Catalog No. NR-9548**

This reagent is the property of the U.S. Government.

#### **For research use only. Not for human use.**

#### **Contributor:**

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

#### **Product Description:**

NR-9548 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-9548 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 10<sup>8</sup> pfu equivalents per mL.

#### **Material Provided:**

Each vial contains approximately 0.5 mL of NR-9548.

#### **Packaging/ Storage:**

NR-9548 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 10<sup>8</sup> PFU Equivalents per mL in Spent Vero E6 Cell DMEM, NR-9548."

#### **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](http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm).

#### **Disclaimers:**

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

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at [www.beiresources.org](http://www.beiresources.org).

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government make any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

#### **Use Restrictions:**

**This material is distributed for internal research, non-commercial purposes only.** This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

ATCC® is a trademark of the American Type Culture Collection.

