

### **SARS-CoV, Gamma-Irradiated and Sucrose-Purified, 1 x 10<sup>9</sup> PFU Equivalents per mL in PBS**

#### **Catalog No. NR-9547**

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-9547 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-9547 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 PBS to 1 x 10<sup>9</sup> pfu equivalents per mL.

#### **Material Provided:**

Each vial contains approximately 0.5 mL of NR-9547.

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

NR-9547 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>9</sup> PFU Equivalents per mL in PBS, NR-9547."

#### **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/bmbl5/bmbl5toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm).

#### **Disclaimers:**

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