

Quantitative PCR (qPCR) Extraction Control from Inactivated SARS Coronavirus, Urbani

Catalog No. NR-52349

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For research use only. Not for human use.

Contributor and Manufacturer:

BEI Resources

Product Description:

NR-52349 contains a preparation of inactivated severe acute respiratory syndrome coronavirus (SARS-CoV), Urbani (BEI Resources NR-9547) diluted into *Homo sapiens* lung carcinoma cells (A549; ATCC® CCL-185™), for use as an extraction control in qPCR assays. NR-9547 is a preparation of SARS-CoV, Urbani that has been gamma-irradiated and sucrose-purified.

Material Provided:

Each vial contains approximately 250 µL of inactivated SARS-CoV and A549 cells in phosphate-buffered saline (PBS). The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-52349 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -60°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Quantitative PCR (qPCR) Extraction Control from Inactivated SARS Coronavirus, Urbani, NR-52349.”

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, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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