

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

Catalog No. NR-52346

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Contributor and Manufacturer:

BEI Resources

Product Description:

NR-52346 contains a preparation of genomic RNA extracted from inactivated severe acute respiratory syndrome coronavirus (SARS-CoV), Urbani (BEI Resources NR-9547) in buffer, for use as a positive control in qPCR assays. The source material is a preparation of SARS-CoV, Urbani that has been gamma-irradiated and sucrose-purified.

NR-52346 has been qualified for PCR applications by amplification of approximately 950 base pairs of the ORF1ab gene.

Material Provided:

Each vial contains approximately 100 µL of inactivated viral genomic RNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 8.0). The viral genomic RNA is in a background of carrier RNA. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-52346 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) Control RNA from Inactivated SARS Coronavirus, Urbani, NR-52346."

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/bmbl5/index.htm.

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