

Quantitative PCR (qPCR) Extraction Control from Heat-Inactivated SARS-Related Coronavirus 2, Isolate USA-WA1/2020

Catalog No. NR-52350

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

For research use only. Not for use in humans.

Contributor:

Centers for Disease Control and Prevention, Atlanta, Georgia, USA

Manufacturer:

BEI Resources

Product Description:

NR-52350 contains a preparation of heat-inactivated severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2), isolate USA-WA1/2020 (BEI Resources lot 70048020) diluted into *Homo sapiens* lung carcinoma cells (A549; ATCC® CCL-185™), for use as an extraction control in qPCR assays. The source material is a preparation of SARS-CoV-2, isolate USA-WA1/2020 that has been inactivated by heating to 65°C for 30 minutes.

Material Provided:

Each vial contains approximately 250 µL of heat-inactivated SARS-CoV-2 and A549 cells, in phosphate-buffered saline (PBS). The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-52350 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 deposited by the Centers for Disease Control and Prevention and obtained through BEI Resources, NIAID, NIH: Quantitative PCR (qPCR) Extraction Control from Heat-Inactivated SARS-Related Coronavirus 2, Isolate USA-WA1/2020, NR-52350.”

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.

Disclaimers:

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

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