

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

**Catalog No. NR-52349**

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

**Product Description:**

NR-52349 lot 70033927 contains a preparation of inactivated severe acute respiratory syndrome coronavirus (SARS-CoV), Urbani (BEI Resources NR-9547 lot 58542036) diluted into *Homo sapiens* lung carcinoma cells (A549; ATCC® CCL-185™ lot 70031697), for use as an extraction control in qPCR assays. Lot 70033927 is vialled in phosphate-buffered saline (PBS).

**Lot: 70033927**

**Manufacturing Date: 25MAR2020**

TEST	SPECIFICATIONS	RESULTS
Concentration (prior to inactivation, 1/1000 dilution of NR-9547)	Report results	2.5 × 10 <sup>5</sup> pfu equivalents per vial
Cell Count (pre-vial)	Report results	1.4 × 10 <sup>4</sup> cells per vial
Identification by RT-PCR of Nucleic Acid <sup>1</sup> ORF1ab Gene (SARS specific) RNase P Gene (Human specific)	Detected Detected	Detected Detected
SARS-CoV Genome Copy Number Using BioRad QX200 Droplet Digital PCR (ddPCR™) System (Post-vial; 12 replicates)	Report results	5.7 × 10 <sup>5</sup> genome equivalents per mL

<sup>1</sup>Amplified using Superscript™ III one-step RT-PCR Platinum® Taq (Invitrogen™ 11732-088), with 5 µL of NR-52349 in a 25 µL reaction

/Heather Couch/

Heather Couch

13 APR 2020

Program Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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

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

