

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

Catalog No. NR-52349

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Product Description:

NR-52349 lot 70049757 contains a preparation of inactivated severe acute respiratory syndrome coronavirus (SARS-CoV), isolate Urbani (BEI Resources lot 58542036) diluted into *Homo sapiens* lung carcinoma cells (A549; ATCC® CCL-185™), for use as an extraction control in qPCR assays. Lot 70049757 is vialled in phosphate-buffered saline (PBS).

Lot: 70049757

Manufacturing Date: 18JAN2022

TEST	SPECIFICATIONS	RESULTS
Virus Titer (prior to inactivation)	Report results	1×10^9 plaque forming units per mL
Cell Count (pre-vial)	Report results	8.7×10^5 cells per mL
Identification by RT-PCR of Nucleic Acid ¹ N1 gene (SARS-specific) RNase P gene (human-specific)	Detected Detected	Detected Detected
SARS-CoV-2 Genome Copy Number Using BioRad QX200 Droplet Digital PCR (ddPCR™) System (Post-vial; 8 replicates)	Report results	1.10×10^6 genome equivalents per mL

¹Amplified using Superscript™ III Platinum® One-Step qRT-PCR Kit (Invitrogen™ 11732-088), with 5 µL of NR-52349 in a 25 µL reaction

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18 FEB 2022

Program Manager or designee, ATCC Federal Solutions

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