



# Quantitative Genomic RNA from Severe acute respiratory syndrome- related coronavirus 2 (SARS-CoV-2) strain USA/COR-22- 063113/2022 (Omicron variant, BA.5)

VR-3378D™

## Description

Quantitative genomic RNA from Severe acute respiratory syndrome-related coronavirus 2 strain USA/COR-22-063113/2022 (Omicron variant, BA.5) can be used for assay development, verification, and validation as well as monitoring of day-to-day test variation and lot-to-lot performance of molecular-based assays. The quantitative format allows for the generation of a standard curve for quantitative PCR (qPCR) to determine viral load.

**Organism:** Severe acute respiratory syndrome-related coronavirus 2, SARS-CoV-2

**Genome sequenced strain:** Yes

**Volume:** 100 µL

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -70°C or colder

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## Intended Use

This product is intended for laboratory research use only. It is not intended for any

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animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## BSL 2

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Handling Procedures

1. Thaw the vial at room temperature and immediately place on ice. Avoid exposing the RNA to repeated freeze-thaw cycles as it may result in degradation of the RNA.
  2. Gently mix the sample to ensure an even distribution of material.
  3. Briefly centrifuge the tube before opening to ensure all liquid is at the bottom.
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## Notes

RNA is easily degraded. Take extra precautions against contamination by using new gloves and clean lab coats when working with RNA. Use only RNase-free lab materials when handling this product. Vortexing can damage the RNA. Gentle pipetting is

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highly recommended. Aliquoting is highly recommended to avoid multiple freeze-thaws which can damage the RNA.

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Quantitative Genomic RNA from Severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) strain USA/COR-22-063113/2022 (Omicron variant, BA.5) (ATCC VR-3378D)

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### References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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Division

VP 3378D

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## Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor

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