



# Genomic RNA from Influenza A virus (TC adapted) strain A/Aichi/2/68 (H3N2)

VR-1680D™

## Description

Genomic RNA isolated from MDCK cells (ATCC CCL-34) infected with Influenza A virus (H3N2) strain A/Aichi/2/68 (ATCC VR-1680). This product was prepared using methods known to inactivate viruses. It is suitable for use in RT-PCR or other RNA-based procedures. The source organism and host cells are also available through the ATCC catalog.

**Derived from:** Influenza A virus (H3N2) A/Aichi/2/68 (ATCC VR-1680)

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

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## BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as

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VR-1680D

guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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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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### Quality Control Specifications

**Integrity:** Integrity is inferred from observation of intact RT-PCR product on a 1.2% agarose gel, visualized by ethidium bromide staining.

**Functional tests:** Functional activity is demonstrated by RT-PCR amplification of  $\geq$  500 bp amplicon dilutable  $\geq$  10 fold.

**Identity:** Identity confirmed by sequencing of RT-PCR amplicon.

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### Notes

This product is suitable for use in RT-PCR or other RNA-based procedures.

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VR-1680D

### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic RNA from Influenza A virus (TC adapted) strain A/Aichi/2/68 (H3N2) (ATCC VR-1680D)

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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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### Revision

## Genomic RNA from Influenza A virus (TC adapted) strain A/Aichi/2/68 (H3N2)

VR-1680D

This information on this document was last updated on 2023-04-08

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