



Genomic DNA from HCMV strain Towne

VR-977D™

Description

Viral nucleic acids, including virus genomic DNA, in total DNA isolated from MRC-5 cells (ATCC® CCL-171™) infected with Human herpesvirus 5 (HCMV) strain Towne (ATCC® VR-977™). Virus and host cells are also available through the ATCC® Catalog. This product was prepared using methods known to inactivate viruses.

Organism: Human herpesvirus 5, Cytomegalovirus

Derived from: Human herpesvirus 5 Towne (ATCC VR-977)

Genome sequenced strain: Yes

Volume: 100 µL

Storage Conditions

Product format: Frozen

Storage conditions: -70°C or colder

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.

BSL 1

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

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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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Quality Control Specifications

Integrity: Integrity is inferred from observation of high molecular weight cellular DNA following electrophoresis of 20 µL of product on a 0.8% agarose gel, visualized by ethidium bromide staining.

Functional tests: Functional activity is demonstrated by PCR amplification of a 500-3,000 bp amplicon using virus-specific primers.

Identity: Identity confirmed by sequencing of ~300 base pairs of the PCR amplicon.

Notes

DNA isolated from virally infected cells is appropriate for PCR and other molecular virology applications.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from HCMV strain Towne (ATCC VR-977D)

References

References and other information relating to this material are available at www.atcc.org.

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Product Sheet

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