



# Genomic DNA from Human adenovirus 5 strain Adenoid 75

VR-5D™

## Description

Genomic DNA isolated from A549 cells (ATCC CCL-185) infected with Human adenovirus 5 (HAdV-5) strain Adenoid 75 (ATCC VR-5). This product is suitable for use in polymerase chain reaction (PCR) for viral gene products and other molecular virology applications.

**Organism:** Human adenovirus 5

**Derived from:** Human adenovirus 5 Adenoid 75 (ATCC VR-5)

**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 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

# Genomic DNA from Human adenovirus 5 strain Adenoid 75

## VR-5D

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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## 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.

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## Notes

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

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from Human adenovirus 5 strain Adenoid 75 (ATCC VR-5D)

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VR-5D

## References

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

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## Genomic DNA from Human adenovirus 5 strain Adenoid 75

VR-5D

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