



Genomic DNA from *Chlamydia trachomatis* serovar J strain UW- 36/Cx

VR-886D™

Description

Chlamydia DNA, in total DNA, was isolated from HeLa-229 cells (ATCC CCL-2.1) infected with *Chlamydia trachomatis* strain UW-36/Cx (ATCC VR-886). This product was prepared using methods known to inactivate the infecting agent. It is suitable for use in PCR and other molecular biology applications. The source organism and host cells are also available through the ATCC catalog.

Organism: *Chlamydia trachomatis* Serovar J

Derived from: *Chlamydia trachomatis* Trachoma type J strain UW-36/Cx (ATCC VR-886)

Type strain: No

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

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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 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.

Handling Procedures

1. Thaw the vial at room temperature and immediately place on ice. Avoid exposing the DNA to repeated freeze-thaw cycles as it may result in degradation.
 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 high molecular weight cellular DNA following electrophoresis of 20 μ L of product on a 0.8% agarose gel, visualized by ethidium bromide staining.

Functional tests: Functional activity is demonstrated by PCR amplification of a 600-12,000 bp amplicon using *Chlamydia*-specific primers.

Identity: Identity confirmed by sequencing of ~ 1Kb PCR amplicon.

Notes

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from *Chlamydia trachomatis* serovar J strain UW-36/Cx (ATCC VR-886D)

References

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

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