



# Genomic DNA from *Chlamydia trachomatis* serovar D strain UW- 3/Cx

VR-885D™

## Description

*Chlamydia* DNA, in total DNA, was isolated from McCoy cells (ATCC CRL-1696) infected with *Chlamydia trachomatis* serovar D strain UW-3/Cx (ATCC VR-885). This product was prepared using methods known to inactivate 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 D

**Derived from:** *Chlamydia trachomatis* Serovar D Trachoma type D strain UW-3/Cx (ATCC VR-885)

**Genome sequenced strain:** Yes

**Type strain:** No

**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

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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 *Chlamydia*-specific primers.

**Identity:** Identity confirmed by sequencing of approximately 300 bp to 1Kb of the PCR amplicon.

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## Notes

Next-generation sequencing (NGS) at ATCC on the McCoy cell line (ATCC CRL-1696) used as the host has shown the presence of Mus Musculus mobilized endogenous polytropic provirus and Murine leukemia virus.

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## Material Citation

## Genomic DNA from *Chlamydia trachomatis* serovar D strain UW-3/Cx

### VR-885D

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from *Chlamydia trachomatis* serovar D strain UW-3/Cx (ATCC VR-885D)

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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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## Genomic DNA from *Chlamydia trachomatis* serovar D strain UW-3/Cx

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