Genomic DNA from *Chlamydia trachomatis* Serovar E strain BOUR

VR-348BD™

Description

Genomic DNA from *Chlamydia trachomatis* Serovar E strain BOUR was isolated from McCoy cells (ATCC CRL-1696) infected with *Chlamydia trachomatis* strain BOUR (ATCC VR-348B). This product was prepared using methods known to inactivate the infecting agent. The product can be used for PCR and other molecular applications. Source organism and host cells are also available through the ATCC Catalog.

Organism: *Chlamydia trachomatis* Serovar E
Derived from: Chlamydia trachomatis Serovar E BOUR (ATCC VR-348B)
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

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.

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 agent-specific primers.
Identity: Identity confirmed by sequencing of approximately 1Kb PCR amplicon.

Notes

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

Material Citation

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If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from *Chlamydia trachomatis* Serovar E strain BOUR (ATCC VR-348BD)

References

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

Warranty

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