ATCC

Product Sheet

Chlamydia trachomatis Serovar I (ATCC® VR-880™)

Please read this FIRST

Storage Temp.
-70°C or colder

Biosafety Level
2

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Chlamydia trachomatis* Serovar I (ATCC® VR-880™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Strain: UW-12/Ur
Classification: Chlamydiacae
Original Source: Male urethra with non-gonococcal urethritis
Depositor: SP Wang

Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

Propagation

Propagation Host:
McCoy (ATCC® CRL-1696™)

Effect on Host:
Intracellular inclusion bodies visualized by fluorescent staining with genus or species specific monoclonal antibodies or Giemsa.

Growth Conditions
Temperature: 36°C
Recommendations for Infection: Plate cells 24 hours prior to infection and infect when cultures are 90-100% confluent. Prior to infection, disrupt cells by sonication or vortex with sterile glass beads. Remove medium and inoculate with a small volume of inoculum (e.g. 1 mL per 25 cm^2) diluted to provide an optimal MOI (e.g. 1). Adsorb by centrifugation at 1500 x *g* for 1 hour at 25°C. End adsorption by adding growth medium.
Incubation: 1-3 days

Comments

Add glassbeads and vortex preparation to disrupt cells. Infect monolayer with disrupted material. Centrifuge at 3000 x rpm (750 x *g*) for 1 hour. Feed with fresh growth medium containing 1-2 µg/mL cycloheximide. Incubate at 37°C for 48 hours.

References

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

Key Abbreviations

°C, degrees Celsius
g, acceleration due to gravity
MOI, multiplicity of infection
rpm, revolutions per minute

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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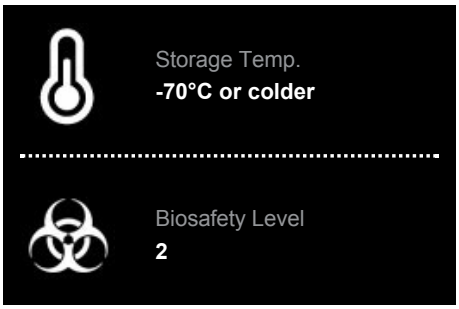

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.
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