ATCC

Product Sheet

Waddlia chondrophila Everett et al. (ATCC® VR-1470™)

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: *Waddlia chondrophila* Everett et al. (ATCC® VR-1470™)

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: WSU 86-1044
Classification: Waddliaceae
Original Source:
pooled liver/lung homogenate from the aborted fetus of a 19-month-old primigravid Holstein cow during month 3 of gestation
Depositor: TF McElwain

Batch-Specific Information

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

Propagation

Propagation Host:
bovine turbinate (BT) cells (ATCC CRL-1390)
BT cells (ATCC CRL-1390); P388D1 mouse macrophage cells (ATCC CCL-46)

Effect on Host:
Dense forms enter cytoplasm and reticulated forms develop, then change to dense forms and are released from the cell
Inclusions visualized by light microscopy as dense forms. Some cell death due to lysis. Cells become rounded and dense.

Growth Conditions
Incubation: 3 days at 35°C in BT cells (ATCC CRL-1390), 5% CO_2

Comments

Reference antisera against *Coxiella, Wolbachia, Chlamydia* and *Anaplasma* spp. And 14 members of the genus *Rickettsia* all failed to react significantly. Cross-reactivity was observed with *Cowdria ruminantium* (Kiswani isolate). Identification is recommended by 16S rRNA sequence--GenBank accession number AF042496. Dense forms enter cytoplasm and reticulated forms develop. These forms develop to dense forms that are released from the cell.

References

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

Key Abbreviations

(define all abbreviations used on master product sheet and batch specific product sheet)
TCID[50], 50% endpoint tissue culture infectious dose
BT cells, bovine turbinate cells

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