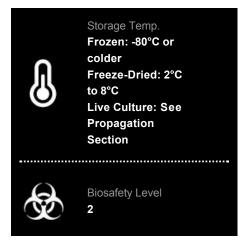


**Product Sheet** 

# Campylobacter ureolyticus (ATCC® 33387™)

# Please read this FIRST



### 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: Campylobacter ureolyticus (ATCC® 33387 $^{\text{TM}}$ )

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: <u>Tech@atcc.org</u>

Or contact your local distributor

# Q Desc

# Description

Designation: NCTC 10941

Deposited Name: Bacteroides ureolyticus Jackson and Goodman

**Product Description:** Type strain. Species incertae sedis (see notes). Qualtity control strain for bioMerieux Vitek products.



# Propagation

#### Madium

ATCC® Medium 1539: Modified chopped meat medium (ATCC medium 1490) with formate and fumarate ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

Growth Conditions Temperature: 37°C

Atmosphere: Anaerobic gas mixture, 80% N<sub>2</sub>-10%CO<sub>2</sub>-10%H<sub>2</sub>

# **Propagation Procedure**

- 1. Open vial according to enclosed instructions.
- Under anaerobic conditions, withdraw 0.5 mL of recommended broth from a single test tube (5 to 6 mL) and rehydrate the entire vial contents.
- Aseptically transfer this aliquot back into the broth tube. A slant and a pre-reduced blood plate may also be inoculated with 0.1 mL each of the cell suspension. An aerobic blood plate may also be streaked to check for purity.
- Incubate tubes and plate under anaerobic conditions at 37°C. Incubate a second #260 plate aerobically at 37°C.
- 5. Within two to three days, growth is should be evident by slight turbidity in the broth. Translucent, irregular, peaked and glistening colonies are formed on the anaerobic #260 plate. No growth should occur on the agar plate incubated aerobically.

# ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by either of the following:

- Use of an anaerobic gas chamber, or
- Placement of test tubes under a gassing cannula system hooked to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:

- · Loose screw caps on test tubes in anaerobic chamber,
- Loose screw caps on test tubes in an activated anaerobic gas pack jar, or
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.



# Notes

Anaerobe Systems Brucella blood agar is recommended for growth on agar. Colonies on brucella blood are irregular, flat, and small with a peaked center.

According to Vandamme et al., Bacteroides ureolyticus Jackson and Goodman 1978 (Approved Lists 1980) is clearly a member of the family Campylobacteraceae Vandamme and De Ley 1991. However, the authors do not believe that it should be renamed at this time and prefer to consider this taxon a species incertae sedis.

Always use freshly prepared pre-reduced media or pre-reduced media that has been previously prepared but stored under anaerobic conditions. Resazurin in the media is a color indicator for anaerobic conditions. Observance of pink color in medium before use or during incubation shows anaerobic conditions have not been met and oxidation has occurred. Medium should be discarded.

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



# References

References and other information relating to this product are available online at <a href="www.atcc.org">www.atcc.org</a>.



# Biosafety Level: 2

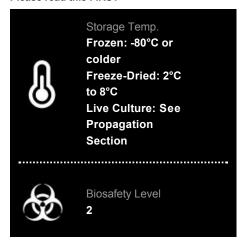
Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S.



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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**

This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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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 <a href="https://www.atcc.org">www.atcc.org</a>

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

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