



Product Sheet

Dendrosporobacter quercicolus (ATCC® 25974™)

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: *Dendrosporobacter quercicolus* (ATCC® 25974™)

Description

Deposited Name: *Clostridium quercicolum* Stankewich et al.

Propagation

Medium

ATCC® Medium 1490: Modified chopped meat medium

Growth Conditions

Max Temperature: 37.0°C

Min Temperature: 30.0°C

Atmosphere: Anaerobic

Propagation Procedure

1. This culture must be propagated under strictly anaerobic, conditions (see below).
2. Open the vial according to enclosed instructions.
3. Under anaerobic conditions, withdraw 0.5 ml of #1490 broth from a single test tube and rehydrate the vial contents.
4. Aseptically transfer this aliquot back into the broth tube. A slant and a pre-reduced blood plate may be inoculated with 0.1 ml each of the cell suspension. Also inoculate a non-selective plate and tube of broth to test for the presence of aerobic contaminants.
5. Incubate tubes and plate under anaerobic conditions at 37°C. Incubate aerobic plate(s) and broth tube(s) at 37°C.
6. Within 72 hours, growth is evident by turbidity in broth and in the inoculum at the base of the slant. Colonies are circular, smooth, and shiny. They have an entire margin and appear gray on anaerobic blood agar plates. No growth should occur on blood agar plates 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

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 www.atcc.org.

Biosafety Level: 1

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

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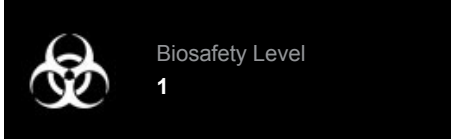
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and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

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 www.atcc.org

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

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