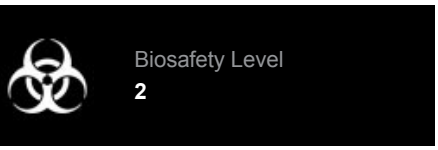
ATCC

Product Sheet

Mycoplasma verecundum (ATCC® 27862™)

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: *Mycoplasma verecundum* (ATCC® 27862™)

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

Designation: NCTC 10145 [107]
Deposited Name: *Mycoplasma verecundum* Gourlay et al.

Propagation

Medium
ATCC® Medium 247: PPLO broth without CV (pH 7.8) with horse serum (not inactivated) and yeast extract

Growth Conditions
Temperature: 37.0°C
Atmosphere: 5% CO2

Propagation Procedure
PROPAGATION PROCEDURE:
1. Follow instructions as suggested for the culturing of *Mollicutes*:

PROCEDURES FOR PROPAGATING *MOLLICUTES*:

a) Open the vial according to the enclosed instructions.

b) Using a Pasteur or 1.0 ml pipette, withdraw approximately 0.5 to 1.0 ml from a tube containing 5.0 ml. Rehydrate the pellet.

c) Aseptically transfer this aliquot back into the tube. Mix well.

d) Make serial dilutions by transferring 0.5 ml from the original tube to a tube containing 4.5 ml. Repeat process by transferring 0.5 ml from the second to a third tube, etc. Dilutions are important, not only for titration purposes, but also to keep culture in varying stages of growth. Many strains will die out rapidly once acid or alkaline conditions are reached. It is recommended to prepare several dilutions from the initial tube as the cryoprotectant used in the freeze‐drying process often inhibits growth.

e) Use an uninoculated tube of broth to serve as a control.

f) Plates may be inoculated to check colonial morphology. You can also spot each dilution on the surface of plate (4 or more/plate) to determine the number of colony-forming units. However, not all strains do well on solid medium.

g) Incubate all tubes and plates under the recommended conditions and appropriate temperature. The time necessary for growth will vary from strain to strain. Growth on plates generally requires additional incubation.

h) Depending on the medium used, growth will be indicated by increased turbidity, a color change, or both.

2. Tubes may be incubated aerobically, but plates are incubated under anaerobic conditions using an anaerobe jar or other appropriate method. The incubation temperature is 37ºC.
3. Turbidity appears in the first few dilution tubes within 48 to 72 hours. Additional incubation is required for colonies to appear on solid medium.
4. Subsequent, fresh transfers grow more rapidly than the original rehydrated culture. This strain produces good turbidity.

Notes

Colonies display the typical "fried-egg" morphology. Growth may be inhibited by the cryoprotectant in the first few dilution tubes, so at least three initial dilutions are recommended.

References

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

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

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be

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effective for this product. 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 product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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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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