



Product Sheet

Actinomyces naeslundii (ATCC® 27038™)

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: *Actinomyces naeslundii* (ATCC® 27038™)

Description

Designation: CDC W821 [44-330-65, 7925-65]

Deposited Name: *Actinomyces naeslundii* Thompson and Lovstedt

Propagation

Medium

ATCC® Medium 7: Actinomyces broth

Growth Conditions

Temperature: 37.0°C

Atmosphere: Anaerobic or 5-10% CO₂

Propagation Procedure

1. **Open vial according to enclosed instructions.**
2. **Using a single tube of #7 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the entire pellet.**
3. **Aseptically transfer this aliquot back into the broth tube. Mix well.**
4. **Use several drops of the suspension to inoculate a #7 agar slant and/or plate.**
5. Incubate the tubes and plate under 5-10% CO₂ or anaerobically at 37°C for 48 to 72 hours.

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

Colonies on #7 agar are white, round and convex. Best growth occurs when culture is incubated in 5-10% CO₂. This strain produces both α and β hemolysis depending on the media and incubation conditions. Many of the cells are club shaped but no refractile bodies are apparent.

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: 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.

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Disclaimers

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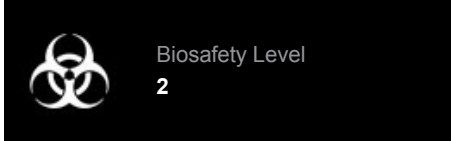
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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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