



Paenibacillus popilliae (Dutky) Pettersson et al.

14706™

Description

Type strain

Strain designation: NRRL B-2309

Deposited As: *Bacillus popilliae* Dutky

Type strain: Yes

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 20: J B medium with 0.2% glucose

ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

Temperature: 26°C

Atmosphere: Aerobic

Handling Procedures

1. Open vial according to enclosed instructions.
2. Using a single tube of #20 or #260 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. **Make additional broth passages since the cryoprotectant may inhibit the growth of**

the organism in the primary tube.

4. Use several drops of the suspension to inoculate a FRESH #260 agar slant and/or plate. Plates must be less than a week old and moist. A biphasic slant works best.
5. Incubate tubes at 26°C for two to three days without shaking. Plates should show growth in three to five days. After growth is achieved, the organism must be preserved or transferred every four days to insure continued viability.

Notes

Colonies on #260 plates are irregular, undulate, dull, flat, smooth, and small.

It is important to use fresh media.

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Paenibacillus popilliae* (Dutky) Pettersson et al. (ATCC 14706)

References

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

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Revision

This information on this document was last updated on 2021-05-19

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