Pseudomonas putida (Trevisan) Migula

29607™

Description

Strain designation: PpG 786
Deposited As: *Pseudomonas putida* (Trevisan) Migula
Type strain: No

Storage Conditions

Product format: Freeze-dried

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 973: Camphor minimal medium
Temperature: 30°C

Handling Procedures

1. Open vial according to enclosed instructions.

2. Using a tube containing 1.0 to 2.0 ml of phosphate buffer, withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the pellet. You may also use LB broth or Nutrient Broth for rehydration purposes. See note below.

3. Aseptically transfer this aliquot back into the tube and mix well.

4. Use several drops of the suspension to inoculate a #973 plate. Invert the plate and spread 0.2 ml of a 2M D-(+)camphor solution in methylene chloride (CH_2Cl_2) on the inside cover.

5. Incubate the plate at 30°C for 24-48 hours.

Notes

This culture will also grow in LB broth (ATCC Medium #1065), Nutrient Broth (Difco 0003) and on Nutrient Agar (Difco 0001). However, if the camphor plasmid is a desired trait, in order to prevent spontaneous loss of this plasmid the culture is best maintained over camphor vapors in the #973 medium.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Pseudomonas putida* (Trevisan) Migula (ATCC 29607)

References

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

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Revision

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