Photorhabdus asymbiotica subsp. *asymbiotica* Fischer-Le Saux et al.

43949™

Description

Strain designation: 3105-77
Deposited As: *Xenorhabdus luminescens* Thomas and Poinar
Type strain: No

Storage Conditions

Product format: Frozen
Storage conditions: -80°C or colder

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 2

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.

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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 18: Trypticase Soy Agar/Broth
Temperature: 26°C
Atmosphere: Aerobic

Handling Procedures

1. Open vial according to enclosed instructions.
2. Using a single tube of #18 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 #18 agar slant and/or plate.

5. Incubate all tubes and plate at 26°C for 24 to 48 hours.

Notes

Colonies on #18 plates are flat, undulate, umbonate, and pale yellow to yellow in color; colonies will vary in size. It should be noted that the colonies will change over time, becoming darker in color and with the appearance of black flaks on the surface. In some cases, dark brown spots will appear under areas of heavy growth; this is not a sign of contamination. On blood agar, annular hemolysis will appear around the edges of heavy growth.

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

Photomicrograph 1000X

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Photorhabdus asymbiotica* subsp. *asymbiotica* Fischer-Le Saux et al. (ATCC 43949)

References

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

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