Polysphondylium pallidum Olive

26657™

Description

An ampoule containing viable cells (may include spores and mycelia) suspended in cryoprotectant.

Strain designation: WT 1
Deposited As: *Polysphondylium pallidum* Olive, teleomorph
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 353: Lactose peptone agar
Temperature: 24°C
Incubation: grown with Escherichia coli

Handling Procedures

Morphology: After 2-3 days at 25°C spores releasing amoebae to feed on bacteria. Amoebae form a microscopic feeding front leading to aggregation, developing into sorogen that elongate into fruiting bodies with multiple side branches. Spores globose to subglobose.

Notes

1. Two-member culture

2. Food source *Escherichia coli* (e.g. ATCC® 23437)

3. Culture morphology may be examined using a dissecting microscope or by reversing plate under a compound microscope at 20X and viewing through agar to surface.

Additional, updated information on this product may be 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: *Polysphondylium pallidum* Olive (ATCC 26657)

References

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

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