van der Walt et al.

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

Aseptically transfer the suspension back into the test tube of sterile distilled water.

Incubate the inoculum at the propagation conditions recommended.

Typical aerobic growth is white, butyrous, smooth and with an entire margin.

2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Colony and Cell Morphology: After 3 days in YM broth at 25°C, the cells are globose to subglobose, 3-5 μm, and occur singly or in pairs. After 14 days on cornmeal agar at 25°C, pseudohyphae are not present.

Aerobic growth is white, butyrous, smooth and with an entire margin.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Candida geochares (ATCC® 36852™)

Please read this FIRST

Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section

Biosafety Level 1

Recommended Procedure

1. Open an ampoule according to enclosed instructions.
2. From a single test tube of sterile distilled water (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a sterile pipette and apply directly to the pellet. Stir to form a suspension.
3. Aseptically transfer the suspension back into the test tube of sterile distilled water.
4. Let the test tube sit at room temperature (25°C) undisturbed for at least 2 hours; longer (e.g., overnight) hydration may increase viability of some fungi.
5. Mix the suspension well. Use several drops (or make dilutions if desired) to inoculate recommended solid or liquid medium. Include a control that receives no inoculum.
6. Incubate the inoculum at the propagation conditions recommended.
7. Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 1 to 2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Notes

Type strain of the species; deposited as Torulopsis geochares; quality control strain.

Additional, updated information on this product may be available on the ATCC® web site at www.atcc.org.

DNA Sequence

18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence.

D1D2 region of the 26S ribosomal RNA gene

1

Or contact your local distributor
Grassland soil; South Africa

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

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

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