Serotype A

Aseptically transfer the suspension back into the test tube of sterile distilled water. Longer (e.g., longer than 30 minutes)

Incubate the inoculum at the propagation conditions recommended.

Mix the suspension well. Use several drops (or make dilutions if desired) to inoculate recommended growth media.

Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 1-2 days. However, the time necessary for significant growth will vary from strain to strain.

An ampoule containing viable cells (may include spores and mycelia) suspended in 0.2-0.5 mL of sterile water

Let the test tube sit at room temperature (25°C) undisturbed for at least 2 hours; longer (e.g., overnight) rehydration might increase viability of some fungi.

Open an ampoule according to enclosed instructions.

From a single test tube of inoculum, withdraw approximately 0.5 to 1.0 mL of inoculum for use in broth or solid medium. Include a control that receives no inoculum.

Recommended Procedure

For freeze-dry (lyophilized) ampoules:

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) rehydration might 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 1-2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

**Colony and Cell Morphology:** On YEPD agar after 2 days at 25°C, colonies are cream-colored, shiny, and smooth. Older colonies show filaments-like structure at the margin and may have ridges or folders.

**Cell Type:** Yeast-like; cells do not form chain-like branched pseudohyphae in older culture.

**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 26S ribosomal RNA gene, partial sequence

1D12 region of the 26S ribosomal RNA gene

ATATCAATAAGCGGAGGAAAAGAAACCAACAGGGATTGCCTCAGTAGCGGCGAGTGAAGCGGCAAA

**Notes**

This strain is recommended by ATCC for use in the tests described in ASTM Standard Test Method E979-91 where only the taxon is specified; for sterility testing, not more than five passages from the ATCC culture should be used; Purified genomic DNA of this strain is available as ATCC 10231D-5™. Additional, updated information on this product may be available on the ATCC® web site at www.atcc.org.
**Isolation**

Man with bronchomycosis

**References**

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

**Biosafety Level: 1**

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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