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

Let the test tube sit at room temperature (25°C) undisturbed from a single test tube of:

24°C to 26°C

Incubate the inoculum at the propagation conditions recommended.

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

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

Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 2-4 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

After 7-10 days on MEA at 25°C mycelium white; reverse uncolored, columnar; stipes uncolored, smooth-walled. Conidia globose to broadly ovoid, smoothly to finely roughened.

Typical aerobic

Open an ampoule according to enclosed instructions.

Biosafety Level

Storage Temp.

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

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 to 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 2-4 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Colony and Cell Morphology: After 7-10 days on MEA at 25°C mycelium white; reverse uncolored, yellowish, red brown or green. Conidia grayish turquoise to dull green. Conidial heads predominantly columnar; stipes uncolored, smooth-walled. Conidia globose to broadly ovoid, smoothly to finely roughened.

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

GAGCTCAGTGAGTTACGGAGGATGAACGAGGCAGAAGATGAGGAATGGAGGCACGGCAAAGCAGCATATCATAAGATACTGACCACTTAAAGATGCCATACACTTGGGCCGTCACTGAGCGATAGCTGGGACGACACGGTAACT

d1D2 region of the 28/26S ribosomal RNA gene

CATATCCCCCTCACTGCTGAGCTGGGACGACACGGTAACT

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Aspergillus fumigatus (ATCC® 13073™)

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Aspergillus fumigatus (ATCC® 13073™)

Product Description:

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

Storage Temp.

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

Biosafety Level

2

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 to 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 2-4 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Colony and Cell Morphology: After 7-10 days on MEA at 25°C mycelium white; reverse uncolored, yellowish, red brown or green. Conidia grayish turquoise to dull green. Conidial heads predominantly columnar; stipes uncolored, smooth-walled. Conidia globose to broadly ovoid, smoothly to finely roughened.

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

GAGCTCAGTGAGTTACGGAGGATGAACGAGGCAGAAGATGAGGAATGGAGGCACGGCAAAGCAGCATATCATAAGATACTGACCACTTAAAGATGCCATACACTTGGGCCGTCACTGAGCGATAGCTGGGACGACACGGTAACT

d1D2 region of the 28/26S ribosomal RNA gene

CATATCCCCCTCACTGCTGAGCTGGGACGACACGGTAACT

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Aspergillus fumigatus (ATCC® 13073™)
Product Sheet

Aspergillus fumigatus
(ATCC® 13073™)

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
2

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Aspergillus fumigatus (ATCC® 13073™)

References

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

Biosafety Level: 2

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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