Product Sheet

**Rhizopus oligosporus**
(ATCC® 22959™)

**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

**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: *Rhizopus oligosporus* (ATCC® 22959™)

**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 2-3 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

**Growth Conditions**

**Temperature:** 24°C to 26°C
**Atmosphere:** Typical aerobic

**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

**Notes**

No special notes.

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

**ATCC® Medium 324:** Malt extract agar
**ATCC® Medium 335:** Potato carrot agar
**ATCC® Medium 336:** Potato dextrose agar (PDA)

**Strain Designation:** NRRL 2710 [CBS 338.62, IFO 8631, IMI 174457, Scholer M 140]
**Deposited Name:** Rhizopus oligosporus

**Description**

**DNA Sequence**

**Notes**

**ATCC® Medium 324:** Malt extract agar
**ATCC® Medium 335:** Potato carrot agar
**ATCC® Medium 336:** Potato dextrose agar (PDA)

**Growth Conditions**

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**Atmosphere:** Typical aerobic

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**Notes**

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**ATCC® Medium 324:** Malt extract agar
**ATCC® Medium 335:** Potato carrot agar
**ATCC® Medium 336:** Potato dextrose agar (PDA)

**Growth Conditions**

**Temperature:** 24°C to 26°C
**Atmosphere:** Typical aerobic

**Recommended Procedure**

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**Notes**

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**Notes**

No special notes.

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

**ATCC® Medium 324:** Malt extract agar
**ATCC® Medium 335:** Potato carrot agar
**ATCC® Medium 336:** Potato dextrose agar (PDA)
Rhizopus oligosporus (ATCC® 22959™)

Please read this FIRST

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

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Rhizopus oligosporus (ATCC® 22959™)

References

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 for Disease Control and Prevention. Additional information on this culture is available on the ATCC web site at www.atcc.org.

ATCC Warranty

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Disclaimers

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