



Product Sheet

# Scedosporium boydii (ATCC® 64215™)

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: *Scedosporium boydii* (ATCC® 64215™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
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Or contact your local distributor

## Description

**Strain Designation:** 2

**Deposited Name:** *Scedosporium apiospermum* (Saccardo) Castellani et Chalmers

**Product Description:** An ampoule containing viable cells suspended in cryoprotectant.

## Propagation

The information recommended in this section is to assist users in obtaining living culture(s) for their studies. The recommendation does not imply that the conditions or procedures provided below are optimum. Experienced researchers may initiate the growth of a culture in their own way.

ATCC® Medium 323: Malt agar medium

ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

## Growth Conditions

**Temperature:** 25°C to 37°C

**Atmosphere:** Typical aerobic

## Recommended Procedure

**Frozen ampoules** packed in dry ice should either be thawed immediately or stored in liquid nitrogen. If liquid nitrogen storage facilities are not available, frozen ampoules may be stored at or below -70°C for approximately one week. **Do not under any circumstance store frozen ampoules at refrigerator freezer temperatures (generally -20°C).** Storage of frozen material at this temperature will result in the death of the culture.

1. To thaw a frozen ampoule, place in a **25°C to 30°C** water bath, until just thawed (**approximately 5 minutes**). Immerse the ampoule just sufficient to cover the frozen material. Do not agitate the ampoule.
2. Immediately after thawing, wipe down ampoule with 70% ethanol and aseptically transfer at least 50 µL (or 2-3 agar cubes) of the content onto a plate or broth with medium recommended.
3. Incubate the inoculum/strain at the temperature and conditions recommended. 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.

## Notes

A higher temperature (e.g. 37°C) may be beneficial for sporulation.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://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  
AGGGATCATTACAGAGTTACTACTCCAACCCATTGTGAACCTTACCTATGTTCTGTTGCCTCGGCGGC  
GTGGTCAGCGCCCTCTGAAAAGAGGACGATGCCCTCCCGCCGGCAGCACAAACTCTTTGAATTT  
ACAGCGGATTACAGTTCTGATTTGAAAACAAAAACAAGTTAAACTTTCAACAACGGATCTCTTGGT  
TCTGGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGTGAATTGCAGAATTCAGTGAATCAT  
CGAATCTTTGAACGCACATTGCGCCCGGCAGTAATCTGCCGGGCATGCCTGTCCGAGCGTCATTTCAAC  
CCTCGAACCTCCGTTTCTCAGGGAAGCTCAGGGTCGGTGTGGGGCGCTACGGCGAGTCTTCGCGACC  
CTCCGTAGGCCCTGAAATACAGTGGCGGTCCCGCCGCGTTGCCTTCTCGCTAGTAAGTCTCTTTTGA  
AGCTCGCATTGGGTCCCGGCGGAGGCCTGCCGTCAAACCACCTATAACTCCAGATGGTTTGACCTCGG  
ATCAGGTAGGGTTACCCGCTGAACCTAAG

D1D2 region of the 28S ribosomal RNA gene

CATATCAATAAGCGGAGGAAAAGAAACCAACAGGGATTGCCTCAGTAACGGCGAGTGAAGCGGC  
CAGCTCAAATTTGAAATCTGGCGGCTCTGGGCCGTCGAGTTGTAATTTGAAGAGGATGCTTTTGGCG  
AGGCGCTTCCGAGTGCCTGGAACGGGACGCCACAGAGGGTGAAGAGCCCGTATGGTTGGACGCCG  
AGCCTCTGTAAGCTCCTTCGACGAGTGCAGTAGTTTGGGAATGCTGCTCAAAATGGGAGGTAAACCC  
CTTCTAAAGCTAAACTGCGCCAGAGACCGATAGCGCACAAAGTAGAGTATGATGAAAGATGAAAGC  
ACTTTGAAAAGAGAGTTAAACAGCACGTGAAATTTGAAAGGGAAGCGCTTTCGACCCAGACTTGTG  
CCCGTCGAATCAGCCCGCTCGTCGGCGGCGCACCTCGGGGGCTCAGGCCAGCATCAGTTCGCTGC  
AGGGGGAGAAAAGCGGATGGGAATGTGGCTCTTCGAGTGTATAGCCCGCCGCGCAATACCCCTCGG  
CGGACTGAGGACCGCGCATCTGCAAGGATGCTGGCGTAATGGTCGTCAGCGA



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## Isolation

Human lung biopsy, France

## References

References and other information relating to this product are available online at [www.atcc.org](http://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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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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