Product Sheet

Candida viswanathii
(ATCC® 20336™)

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: Candida viswanathii (ATCC® 20336™)

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 sufficiently 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.
4. Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 3-4 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Colony and Cell Morphology: On YM agar at 25°C after 10 days, colonies creamy white to dingy white, butyrous, smooth, slightly raised, margin filamentous. Cells subglobose to ovoid, smooth, gullate, 9-12 X 5-7.5µm. Pseudohyphae present.

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

ATATCATAAATACGACTCACTATAGG

D1D2 region of the 26S ribosomal RNA gene:

ATATCATAAATACGACTCACTATAGG

Product Description:

Live Culture:

ATCC® Medium 28: Emmons' modification of Sabouraud's agar
ATCC® Medium 200: YM agar or YM broth
ATCC® Medium 1245: YEPD

Notes

No special notes. Additional information on this culture is available on the ATCC® web site at www.atcc.org.

Citation of Strain

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TTTGAAAAGAGAGTGAAAAAGTACGTGAAATTGTTGAAAGGGAAGGGCTTGAGATCAGACTTGGCAT
TTTGCATGTTGCTTCTTCGGGGGCGGCCTCTGCGGTTTGTCGGGCCAGCATCA...eserved. ATCC is a registered trademark of the American Type Culture Collection. [08/17]

References

References and other information relating to this product are available online at 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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Additional information on this culture is available on the ATCC web site at www.atcc.org.

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