




Product Sheet

Malassezia sympodialis

(ATCC® 44338™)

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: *Malassezia sympodialis* (ATCC® 44338™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Strain Designation: M 505/78

Deposited Name: *Pityrosporum orbiculare* Gordon

Propagation

ATCC® Medium 1072: *Pityrosporum* medium

Growth Conditions

Temperature: 30°C

Atmosphere: Typical aerobic

Recommended Procedure

For **freeze-dry (lyophilized)** ampoules:

1. Open vial 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**; overnight rehydration is recommended.
5. Mix the suspension well. Use several drops to inoculate recommended solid or liquid medium.
6. Incubate cultures at recommended temperature. Growth of this strain is slow.

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
AAGGATCATTAGTGAAGTTTCGGCCTGCCATACGGACGCAAACAGTCTCTGGCGCCCATCACTAT
ATCCATACCAACCCCTGTGCACTGTGATGACGAATGTCATCGAACAACAAAAAACTCGTATGGTTGAA
TGTACGTGAAATTTAGGTATAGCCTACGAACTATACACAACATTCGACAACGGATCTCTTGGTTCTCC
CATCGATGAAGAACGCGAGCGAAACGCGATAGGTAATGTGAATGCAGAATCCGTGAATCATCGAAT
CTTTGAACGCACCTTGCCTCCATGGTATTCCGTGGAGCATGCCTGTTTGAGTGCCGCGAATTCTCCCTC
CCCTTACGGTGGCCGAAAGGCCGAAGTAGGGCGGACGGGGTAGGATGGGTGTTTCTGCCTGGGGAT
TGTACCAGGCTCGCCGAAATGCATAAGCGCCAGGACCCCTCGCTACCGCTCTCTAGGGAAGAGTGGCT
AAGCGACCGCTGAGCATGGCATGATACGTCAATTTGCTGTGTGGGCGGCCGTTGGAGAGGTGTCTG
CTTTACCAGCCCTATTTAATCTGGTCTCAAATCAGGTAGGATCACCCGCTGAACCTAAG

D1D2 region of the 26S ribosomal RNA gene

CATATCAATAAGCGGAGGAAAAGAACTAACAAGGATCCCTAGTAACGGCGAGCGAAAGCGGGAA
GAGCTCAAATTTGAAAGCTGGCACCTCCGGTGTCCGCTTGAATCTCGAGACGTGTTTCCGTGCGGC
TCTATGGACAAGTCCCTTGAACAGGGCATCGTAGAGGGTGAATAATCCCGTACTTGCCATGGATGTAC
CGTGCTTTGTGATACAGCTCTAAGAGTCGAGTTGTTTGGGATTGCAGCTCAAAATGGGTGGTAGACTC
CATCTAAAGCTAAATATCGGGGAGAGACCGATAGCGAACAAGTACCGTGAGGGAAAGATGAAAAGC
ACTTTGAAAAGAGAGTTAAAAGTACGTGAAATTTGCGAAAGGGAAGCGCTTGAAGTCAGCCATGCTG
CGCGGACTCAGCCCGGCTGATGCCTGGTGTATTTCCAGCAGCAAGTCAGCATGGATTTGGATCGCCG
GAGAAGGGTGGGAGGAATGTGGCACCCCTCGGGTGTGTTAAGCCTCCTACTGGATACGGCGATTGGAT
CCAGGAACGCAGTGTGCCTCTGGCGGGTCTTCGGACACCTCACACTTAGGATGCTGGCGTAATGGCTT
TAAGCGG

Isolation

Human, Sweden

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



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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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