Strain Designation: QM 9414 [3019, CBS 392.92, T.V. B118]
Deposited Name: Trichoderma viride Persoon : Fries
Product Description: An ampoule containing viable cells (may include spores and mycelia) 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.

<table>
<thead>
<tr>
<th>Storage Temp.</th>
<th>Frozen: -80°C or colder</th>
<th>Freeze-Dried: 2°C to 8°C</th>
</tr>
</thead>
</table>

Live Culture: See Propagation Section

Biosafety Level

1

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; longer (e.g., 20°C to 25°C) may be necessary for 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. Viability is typically noticeable after 2-3 days of incubation. However, the time for significant growth will vary from strain to strain.

Notes

No special notes.

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

DNA Sequence

18S ribosomal RNA gene, partial sequence; internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence

AGGGCTTCGGGAACGTGGCTCCCCTGGGAGTGTTATAGCCCGTTGCATAATACCCTGCGGTGGACTG

D1D2 region of the 28S ribosomal RNA gene

ATATCACAATAGGGGAATAGGAAAGAAGCAGCGAGGATGCCCAGTAAACGGCAGGTAAGCAGCACAAC
AGTCAATTTTGAAATTCTGCCCTTCCGGCTCGAGTGTGTAATTGAGATTGCTTTTGCCAGAAGCCG
CCCGACGTCTCCCTGAGACGGGACGCAACAGAGGTGAACCGCCTCTGGCCGGCCAGCCT
CGTAGAATCTTTGACCGTCCCGGGGCTCCCGATGACTTGGCAACACCGGCACCGGCGGCGGC
ACACGGCCTAAAACACCCCACAACCTCGAAAATGTTGACCTCGGATCGGATGAAATACCCCGCTGAACTTA
AGCATATCAATAA

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: Trichoderma reesei (ATCC® 26921™)
**Trichoderma reesei**  (ATCC® 26921™)

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**Product Sheet**

**Storage Temp.**

- Frozen: -80°C or colder
- Freeze-Dried: 2°C to 8°C

**Live Culture: See Propagation Section**

**Biosafety Level 1**

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**Mutant of ATCC 24449, QM 9123**

**References**

References and other information relating to this product are available online at [www.atcc.org](http://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.

**ATCC Warranty**

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this material.
Product Sheet

*Trichoderma reesei*  
(ATCC® 26921™)

Please read this FIRST

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**Live Culture:** See Propagation Section

**Biosafety Level**
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