



Fusarium solani **(Martius) Saccardo**

62877™

Description

An ampoule containing viable cells (yeast cells, spores, or agar cubes with mycelia) suspended in cryoprotectant.

Strain designation: R 1448

Deposited As: *Leucostoma cincta* (Fries) Hohn

Type strain: No

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 312: Czapek's agar

ATCC Medium 324: Malt extract agar

ATCC Medium 336: Potato dextrose agar (PDA)

Temperature: 24-26°C**Atmosphere:** Aerobic

Handling Procedures

Morphology: After 10 days at 25°C colonies growing rapidly with white to cream-coloured aerial mycelium, green to bluish-brown. Conidiophores arising laterally from aerial hyphae. Monophialides mostly with a rather distinct collarette. Macroconidia

62877

moderately curved, with short, blunt apical and indistinctly pedicellate basal cells, mostly 3-septate, $28-42 \times 4-6 \mu\text{m}$, occasionally 5-septate. Microconidia abundant, $8-16 \times 2.0-4.5 \mu\text{m}$. Chlamydospores single or in pairs, terminal or intercalary, smooth- or rough-walled, $6-10 \mu\text{m}$ diam.

Notes

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Fusarium solani* (Martius) Saccardo (ATCC 62877)

References

References and other information relating to this material are available at www.atcc.org.

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