Fusarium oxysporum f. sp. *cubense* (Smith) Snyder et Hansen

76253™

Description

Strain designation: SH3142
Deposited As: *Fusarium oxysporum* f. sp. *cubense* (Smith) Snyder et Hansen, anamorph
Type strain: No

Storage Conditions

Product format: Frozen

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 1

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.

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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 338: Potato sucrose agar
Temperature: 24°C

Handling Procedures

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

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1. To thaw a frozen ampule, place in a **30°C** water bath, until just thawed (**approximately 4 minutes**). Immerse the ampule just enough to cover the frozen material. Do not agitate the ampule.

2. Immediately after thawing, aseptically transfer the contents of the vial onto appropriate solid or liquid medium.

3. Incubate cultures at recommended temperature.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Fusarium oxysporum* f. sp. *cubense* (Smith) Snyder et Hansen (ATCC 76253)

References

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

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