Xylella fastidiosa subsp. *fastidiosa* Wells et al.

700965™

Description

Major almond pathogen that causes Leaf scorch or Golden death. This strain was isolated in 1994 from an almond plant in Solano County, California, United States.

Strain designation: Dixon
Deposited As: *Xylella fastidiosa* Wells et al.
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 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.

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 2202: PWG medium
Temperature: 26°C
Atmosphere: Aerobic

Handling Procedures

1. Open vial according to enclosed instructions
2. Rehydrate entire vial with 0.5 mL of #2202 broth.
3. Incubate broth tube at 26°C under aerobic conditions for 7-10 days.
4. From the growing broth culture use 0.1 mL to inoculate a secondary #2202 broth and #2202 plates. Incubate for 2 weeks at 26°C under aerobic conditions.

Growth in broth may be observed before 2 weeks however growth on plates will take up to 2 weeks.

Notes

Recovery time is needed in the primary culture before adequate growth is achieved on agar.
Incubation in a humid environment is required to achieve growth on agar.
Additional information on this culture is 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: *Xylella fastidiosa* subsp. *fastidiosa* Wells et al. (ATCC 700965)

References

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

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Revision

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Contact Information

ATCC
10801 University Boulevard
Manassas, VA 20110-2209
USA
US telephone: 800-638-6597
Worldwide telephone: +1-703-365-2700
Email: tech@atcc.org or contact your local distributor