Phytophthora colocasiae Raciborski

MYA-4159™

Description

Strain designation: p47 [22F8]
Type strain: No
Mating type: A1

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.

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 322: Lima bean agar
ATCC Medium 343: V8 juice agar
ATCC Medium 1970: V8 rye agar
Temperature: 20°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.

1. To thaw a frozen ampule, place in a 25-30**°C** water bath, until just thawed (**approximately 5min).** 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 moist solid or liquid medium. Some strains revive more readily in liquid media such as ATCC 200: YM broth (= Difco 0711 = BD 271120).

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: *Phytophthora colocasiae* Raciborski (ATCC MYA-4159)

References

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

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