**Strain Designation:** MCA 3694  
**Product Description:** An ampoule containing viable cells (yeast cells, spores, or agar cubes with mycelia) suspended in cryoprotectant.

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.

ATCC® Medium 28: Emmons’ modification of Sabouraud’s agar  
ATCC® Medium 200: YM agar or YM broth  
ATCC® Medium 336: Potato dextrose agar (PDA)

**Growth Conditions**  
**Temperature:** 24°C to 26°C  
**Atmosphere:** Typical aerobic

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

1. To thaw a frozen ampoule, place in a 25°C to 30°C water bath, until just thawed (approximately 5 minutes). Immerse the ampoule just sufficient to cover the frozen material. Do not agitate the ampoule.
2. Immediately after thawing, wipe down ampoule with 70% ethanol and aseptically transfer at least 50 µL (or 2-3 agar cubes) of the content onto a plate or broth with medium recommended.
3. Incubate the inoculum/strain at the temperature and conditions recommended. Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 1-2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Reference strain for AFTOL (Assembling the Fungal Tree of Life) project. Additional, updated information on this product may be available on the ATCC® web site at www.atcc.org.

**DNA Sequence**

ITS DNA sequence of MYA-4630

TAGGTGAACCTGCGGAAGGATCATTAATAAATGAGCGCAAGCTTTTATATTATCTTTCTACACCTGTGAACTATTTGCCTTCGGGCACTACAACAAACATAATGTAATGAATGTAAACTATTATAACAAAATTATAACTTTCAACAACGGATCTCTTGGCTCTCACATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGTGAA TTGCAGAATTCAGTGAATCATCGAATCTTTGAACGCAGATTGCGCCCTTTGGTATTCCGAAGGGCATGCCTGTTTGAGTGTCTTATAAACCTCACCTCTATAGTTTTCTATAGTTGTGCTTTGGGTGTTTGCCATTTACTTGGCTCGCCTTAAATGTCTAAGTGGAATGCGTAATAAGTTCTCGCAACCCTCCACTCTAATACACTTTATA TTCTGACCTCAAATCAG

**Isolation**

Ballistosporic isolate from a rusty Rubus leaf, Ocean Springs, Mississippi, USA

**References**

References and other information relating to this product are available online at 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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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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