**Description**

ATCC® Microbiome Standards are mock microbial communities that mimic mixed metagenomic samples. This product comprises an even mixture of fully sequenced, characterized, and authenticated fungal strains selected on the basis of genus classification, genomic size, and other special features. Each order for this product is provided with access to One Codex, the leading bioinformatics platform for microbial genomics and metagenomics.

Specification Range: 2x10^7 cells/vial ± 1 log*

*Cell concentrations indicate ATCC manufacturing specifications and are provided as a reference only.

**Components**

- 10.0% Aspergillus fumigatus (ATCC MYA-4609)
- 10.0% Cryptococcus neoformans var. grubii (ATCC 208821)
- 10.0% Trichophyton interdigitale (ATCC 9533)
- 10.0% Penicillium chrysogenum (ATCC 10106)
- 10.0% Fusarium keratoplasticum (ATCC 36031)
- 10.0% Candida albicans (ATCC 10231)
- 10.0% Candida glabrata (ATCC 2001)
- 10.0% Malassezia globosa (ATCC MYA-4612)
- 10.0% Saccharomyces cerevisiae (ATCC 201390)
- 10.0% Cutaneotrichosporon dermatis (ATCC 204094)

**Propagation**

1. Add 1 mL of cold PBS to the lyophilized pellet.
2. Allow the pellet to dissolve at least for two minutes; keep the vial on ice to prevent cell lysis.
3. After reconstitution, mix the product gently and aliquot 200 μL into five Eppendorf tubes.
4. Centrifuge for 10 min at 10,000 x g at 4°C
5. Carefully discard the supernatant without disrupting the pellet.
6. Use the pellet for DNA extraction immediately, or freeze the pellet for later use.

**Biosafety Level: 2**

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**

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

**Disclaimers**

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org).

**Citation of Strain**

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Mycobiome Whole Cell Mix (ATCC® MSA-2010™)

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**Additional information on this culture is available on the ATCC website at [www.atcc.org](http://www.atcc.org).**
Product Sheet

Mycobiome Whole Cell Mix
(\textregistered{} MSA-2010™)

Please read this FIRST

Storage Temp.
2°C to 8°C

Biosafety Level
2

Intended Use

Purchase of this product will include limited use access to the One Codex platform for metagenomic analysis of ATCC microbiome products. By purchasing this product, you consent and agree to allow ATCC to securely transfer sales and end users’ data related to this product to One Codex. Provision of One Codex access, storage, management of sequencing data, and the interpretation and accuracy of analytical results provided by One Codex are the responsibility of One Codex and not ATCC. End users should visit onecodex.com for their complementary metagenomic data analysis.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Mycobiome Whole Cell Mix (\textregistered{} MSA-2010™)