



Product Sheet

# *Mycobacterium marinum* (ATCC® BAA-535™)

Please read this FIRST



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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Biosafety Level  
**2**

## Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

## Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Mycobacterium marinum* (ATCC® BAA-535™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** M [Moffett Hospital #975973]  
**Deposited Name:** *Mycobacterium marinum* Aronson  
**Product Description:** Genome sequenced strain.

## Propagation

### Medium

ATCC® Medium 1395: Middlebrook 7H9 broth with ADC enrichment  
ATCC® Medium 173: Middlebrook 7H10 agar with Middlebrook OADC enrichment

### Growth Conditions

**Temperature:** 30°C  
**Atmosphere:** Aerobic

### Propagation Procedure

1. Open vial according to enclosed instructions or visit [www.atcc.org](http://www.atcc.org) for instructions.
2. Rehydrate the entire pellet with approximately 0.5 mL of #1395 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #1395 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.
3. Use several drops of the primary broth tube to inoculate a #173 plate and/or #173 agar slant.
4. Incubate at 30°C for 7 to 9 days.

## Notes

Colonies on #173 agar are pinpoint, white or yellow, undulate, rough, erose, and dry.  
Genbank accessions are available for this item:

1. Nucleotide (GenBank) : AF201682 *Mycobacterium marinum* phenylalanyl-tRNA synthetase chain B (pheTB) gene, partial cds; and PE-PGRS homolog MAG24-1 (mag24-1), E-PGRS homolog MAG24-2 (mag24-2), and PE-PGRS homolog MAG24-3 (mag24-3) genes, complete cds.
2. Nucleotide (GenBank) : CP000854 *Mycobacterium marinum* M, complete genome
3. Nucleotide (GenBank) : CP000895 *Mycobacterium marinum* M plasmid pMM23, complete sequence

This strain is closely related to members of the *M. tuberculosis* complex. This pathogenic mycobacterial species can serve as a model for mycobacterial pathogenesis.

Purified genomic DNA of this strain is available as ATCC® BAA-535D-5™.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

## References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

## 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



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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)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).


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