



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



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

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: 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 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.

References

References and other information relating to this product are available online at 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

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. 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 product. 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.



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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

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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