



# ***Mycobacterium abscessus*** **(Moore and Frerichs)** **Kusunoki and Ezaki**

**19977™**

## **Description**

*Mycobacterium abscessus* strain L948 [TMC 1543] is a whole-genome sequenced bacterial type strain. This strain is propagated aerobically.

**Strain designation:** L948 [TMC 1543]

**Deposited As:** *Mycobacterium abscessus* (Moore and Frerichs) Kusunoki and Ezaki

**Type strain:** Yes

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## **Storage Conditions**

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## **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.

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## **BSL 2**

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

# ***Mycobacterium abscessus* (Moore and Frerichs) Kusunoki and Ezaki**

19977

or national agencies.

Product Sheet

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.

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## **Certificate of Analysis**

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## **Growth Conditions**

### **Medium:**

ATCC Medium 1395: Middlebrook 7H9 broth with ADC enrichment

ATCC Medium 0173: Middlebrook 7H10 Agar w/ OADC

ATCC Medium 90: Lowenstein Jenson medium

**Temperature:** 37°C

**Atmosphere:** Aerobic

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## **Handling Procedures**

1. Open vial.
2. Using a single tube of #1395 broth (5 to 6 mL), withdraw approximately 0.5 to

## ***Mycobacterium abscessus* (Moore and Frerichs) Kusunoki and Ezaki**

19977

- 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
  3. Aseptically transfer this aliquot back into the broth tube. Mix well.
  4. Use several drops of the suspension to inoculate a #173 or #90 agar slant and/or plate.
  5. Incubate the tubes and plate at 37°C for at least 3-5 days.
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### **Notes**

Purified genomic DNA of this strain is available (ATCC 19977D-5).

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

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Mycobacterium abscessus* (Moore and Frerichs) Kusunoki and Ezaki (ATCC 19977)

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### **References**

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

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## ***Mycobacterium abscessus* (Moore and Frerichs) Kusunoki and Ezaki**

19977

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# ***Mycobacterium abscessus* (Moore and Frerichs) Kusunoki and Ezaki**

19977

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