



# ***Mycobacterium smegmatis* (Trevisan) Lehmann and Neumann**

**35798™**

## **Description**

**Strain designation:** TMC 1533 [Novy]

**Deposited As:** *Mycobacterium smegmatis* (Trevisan) Lehmann and Neumann

**Type strain:** No

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## **Storage Conditions**

**Product format:** Freeze-dried

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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 1**

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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 90: Lowenstein Jenson medium

**Temperature:** 37°C

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## **Handling Procedures**

- 1. Open vial according to enclosed instructions.**
2. From a single tube of the recommended broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or  
1.0 ml pipette and use to rehydrate the pellet.
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.

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4. Heavily inoculate a slant of #90 and/or a plate of #173 agar.
  5. After growth has been achieved, additional transfers may be made.
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## **Notes**

Growth on solid medium requires three to five days incubation.

Colonies on #173 plates are irregular, wrinkled, dry, dense, and buff-colored.

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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 smegmatis* (Trevisan) Lehmann and Neumann (ATCC 35798)

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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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