Mycobacterium smegmatis (Trevisan) Lehmann and Neumann

27204™

Description

Strain designation: SN 2
Deposited As: *Mycobacterium smegmatis* (Trevisan) Lehmann and Neumann
Type strain: No

Storage Conditions

Product format: Freeze-dried

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.

BSL 1

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 or national agencies.

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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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:
ATCC Medium 1395: Middlebrook 7H9 broth with ADC enrichment
Temperature: 37°C

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.

4. Heavily inoculate a slant of #90 and/or a plate of #173 agar.

5. Incubate all tubes and plate at 37ºC for 48 hours. After growth has been achieved, additional transfers may be made.

Notes

Colonies on #173 agar are tiny, irregular, dull, umbonate, erose, opaque, and buff in color.

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 27204)

References

References and other information relating to this material are available at www.atcc.org.

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Revision

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