Mycobacterium avium Chester

35767™

Description

Mycobacterium avium strain TMC 1463 is a bacterium that was isolated from the liver of a sparrow.

Strain designation: TMC 1463 [Sparrow 185]
Deposited As: *Mycobacterium intracellulare* (Cuttino and McCabe) Runyon
Type strain: No
Serotype: MAIS complex 4 (IV)

Storage Conditions

Product format: Freeze-dried
Storage conditions: 2°C to 8°C

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 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

or national agencies.

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 90: Lowenstein Jenson medium
ATCC Medium 0173: Middlebrook 7H10 Agar w/ OADC
Temperature: 37°C
Atmosphere: Aerobic

Handling Procedures

1. Open vial.
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 plate of #173 agar.
5. After growth has been achieved, additional transfers may be made.

Notes

Growth on solid medium will take about 12 to 14 days.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Mycobacterium avium* Chester (ATCC 35767)

References

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

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