Mycobacterium brumae Luquin et al.

51384™

Description

Strain designation: CIP 103465 [CR-270, CCUG 37586, DSM 44177, JCM 12273]
Deposited As: *Mycobacterium brumae* Luquin et al.
Type strain: Yes

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.

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

Handling Procedures

1. Open vial according to enclosed instructions.

2. Using a single tube of #1395 broth (5 to 6 ml), withdraw approximately 0.5 to 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. Heavily inoculate a slant of #90 and/or a plate of #173 agar.

5. Incubate the tubes and plate at 37ºC for approximately one week.

1. Open vial according to enclosed instructions.

2. Using a single tube of #1395 broth (5 to 6 ml), withdraw approximately 0.5 to 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 heavily inoculate a #90 slant and/or a #173 agar plate.

5. Incubate the tubes and plate at 37°C for 4 to 7 days.

Notes

Colonies on #173 agar are irregular, dull, rough, and beige in color.

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

Colonies on #173 plates are rough and buff colored.

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Mycobacterium brumae* Luquin et al. (ATCC 51384)

References

References and other information relating to this material are available at

www.atcc.org.

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