Pseudomonas aeruginosa (Schroeter) Migula

BAA-2110™

Description

Pseudomonas aeruginosa strain PGO2338 is a whole-genome sequenced, multidrug-resistant strain isolated from a human sputum sample. It was collected from a cystic fibrosis patient during a Phase III clinical trial that tested the effectiveness of aerosolized Tobi (Tobramycin). It has applications in antimicrobial resistance research and drug development.

Strain designation: PGO2338

Type strain: No

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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 18: Trypticase Soy Agar/Broth
Temperature: 37°C
Atmosphere: Aerobic

Handling Procedures

1. Just prior to inoculation place the frozen vial at room temperature to thaw.
2. Transfer the entire contents of the vial to a tube of #18 broth (5 to 6 mL).

3. Use several drops of the cell suspension to inoculate a #18 agar slant and/or plate. Additional #18 broth tubes may be inoculated by transferring 0.5 mL of the primary tube to each addition broth tube.
4. Incubate the tubes and plate at 37°C for 24 hours.

Notes

This strain of *Pseudomonas aeruginosa* is a multidrug-resistant strain that was isolated from a clinical drug trial for cystic fibrosis patients.

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: *Pseudomonas aeruginosa* (Schroeter) Migula (ATCC BAA-2110)

References

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

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