



Actinobacillus pleuropneumoniae (Shope) Pohl et al.

43336™

Product Sheet

Description

Strain designation: SD-1

Deposited As: *Haemophilus pleuropneumoniae* Shope

Type strain: No

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 1533: GC agar (ATCC Medium 814) with 10 mcg/ml ampicillin

Temperature: 37°C

Atmosphere: 95% Air, 5% CO₂

Handling Procedures

1. Open vial according to enclosed instructions.
2. Using a single tube of #1533 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 inoculate a #1533 agar slant and/or plate.

5. Incubate the tubes and plate at 37°C for 24 to c c 48 hours in an atmosphere of 5% CO₂. Loosen the screw caps during the incubation.

Notes

Colonies on #1533 agar are entire, smooth, raised, and glistening.

Brain Heart Infusion Broth (BD 237500) may be used for rehydration purposes only if #1533 broth is unavailable. However, inoculation of #1533 should immediately occur to prevent a loss of plasmid.

This strain carries the plasmid pVM105 and pVM104, which confers resistance to ampicillin and sulfadiazine by coding for ROB-1 beta-lactamase, and resistance to streptomycin and sulfadiazine respectively.

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: *Actinobacillus pleuropneumoniae* (Shope) Pohl et al. (ATCC 43336)

References

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

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43336

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