



# ***Proteus vulgaris* Hauser emend. Judicial Commission**

**49132™**

## **Description**

*Proteus vulgaris* strain AmMS 105 is a whole-genome sequenced clinical isolate that can be used as a quality control strain for MicroScan products.

**Strain designation:** AmMS 105

**Deposited As:** *Proteus vulgaris* Hauser emend. Judicial Commission

**Type strain:** No

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## **Storage Conditions**

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## **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.

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## **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.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

### Medium:

ATCC Medium 2950: Tryptic Soy Agar/Broth with 4 µg/mL Colistin

**Temperature:** 37°C

**Atmosphere:** Aerobic

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## Handling Procedures

1. Open vial.
2. Rehydrate the entire pellet with approximately 0.5 mL of #2950 broth.  
Aseptically transfer the entire contents to a 5-6 mL tube of #2950 broth.  
Additional test tubes can be inoculated by transferring 0.5 mL of the primary

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broth tube to these secondary tubes.

3. Use several drops of the primary broth tube to inoculate a #2950 plate and/or #2950 agar slant.
4. Incubate at 37°C for 24 hours.

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## Notes

This strain is resistant to 4 µg/mL of colistin. To retain this characteristic, it is advisable to maintain the culture on Tryptic Soy Agar/Broth with 4 µg/mL of colistin (#2950 medium). If the property of colistin resistance is not important for your work, Tryptic Soy Agar/Broth without added colistin (#18 medium) may be used for growth and enumeration.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Proteus vulgaris* Hauser emend. Judicial Commission (ATCC 49132)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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