



Product Sheet

## *Yersinia*

### *pseudotuberculosis*

(ATCC® 6905™)

Please read this **FIRST**



#### Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

#### Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Yersinia pseudotuberculosis* (ATCC® 6905™)

#### Description

**Designation:** NCTC 1779 [C8]

**Deposited Name:** *Yersinia pseudotuberculosis* (Pfeiffer) Smith and Thal

#### Propagation

##### Medium

ATCC® Medium 44: Brain Heart Infusion Agar/Broth

##### Growth Conditions

**Temperature:** 37.0°C

##### Propagation Procedure

1. Open vial according to enclosed instructions.
  2. From a single tube of #44 broth (5 to 6 ml), withdraw approximately 0.5 to 1 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 #44 agar slant and/or plate.
  5. Incubate all tubes and plate at 37°C for 24 to 48 hours.
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  2. Using a single tube of #44 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 #44 agar slant and/or plate.
  5. Incubate the tubes and plate at 37°C for 24 to 48 hours.

#### Notes

Colonies on #44 agar are entire, glistening, circular, smooth, low convex, and translucent.

If growth is slow developing on solid medium, make additional transfers to fresh plates from grown broth tube.

This strain will grow in Nutrient Broth (BD 234000) and on Nutrient Agar (BD 213000); however, Brain Heart Infusion gives more luxurious growth.

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

If growth is slow developing on solid medium, make additional transfers to fresh plates from grown broth tube.

This strain will grow in Nutrient Broth (BD 234000) and on Nutrient Agar (BD 213000); however, Brain Heart Infusion gives more luxurious growth.

Colonies are glistening, with smooth and rough forms, slightly irregular, translucent and gray.

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

#### References

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

#### Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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

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Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

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