ATCC

Product Sheet

Yersinia pseudotuberculosis (ATCC® 6905™)

Please read this FIRST

Biosafety Level
2

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™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

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.
1. Open vial according to enclosed instructions.
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.

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.

References

References and other information relating to this product are available online at 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.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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

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