



Product Sheet

## *Wallaceii urinaehumis* (ATCC® BAA-2267™)

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: *Wallaceii urinaehumis* (ATCC® BAA-2267™)

### Description

Designation: CP19

### Propagation

#### Medium

ATCC® Medium 18: Trypticase Soy Agar/Broth

ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

#### Growth Conditions

Temperature: 37°C

Atmosphere: Anaerobic; 100% N<sub>2</sub>

#### Propagation Procedure

1. Sterilize the top of the Balch tube by spraying it with 70% ethanol and then flaming the top.
2. If needed exchange the gas in the test tube for 100% N<sub>2</sub>.
3. Add 0.1 ml of reducing agent (3% cysteine, stock solution) per each 10 ml of medium. Let the medium sit at room temperature for 30 minutes.
4. Once media is reduced, using a needle withdraw 0.5 ml of #18 broth, and rehydrate entire contents of the vial.
5. Aseptically transfer the rehydrated material back into the broth, and inoculate a second #18 broth with 0.5 ml.
6. Plate 0.1 ml on a #260 plates to check for aerobic and anaerobic contamination.
7. Incubate all media at 37°C.
8. In 24 hours, growth should be evident by turbidity in the broth. No growth should occur on the #260 plate incubated aerobically.

#### ANAEROBIC CONDITIONS:

- a. Balch tubes (available from Bellco Glass, Vineland, NJ) are specially designed for anaerobic work and use an aluminum crimp cap to hold a rubber stopper in place. Needles can easily be inserted through the stopper, and the tubes can be pressurized to 2 atm. Alternatively, serum vials may be used, or screw cap tubes with butyl rubber stoppers, in the latter case the stopper may be removed and the tube placed under a cannula system that dispenses sterile, oxygen free gas for addition of reducing agents or inoculation.
- b. To obtain a fully reduced medium, it is necessary that the medium be anoxic and that a reducing agent be added. Common reducing agents are sodium sulfide, cysteine, dithiothreitol, and titanium citrate.

### Notes

No growth should occur on any aerobically incubated media. Growth in #18 broth should occur within 24 hours, and is evident by heavy turbidity and some gas production. Colony morphology on #260 agar is flat, spreading, gray, rhizoid, and beta hemolytic. Cell morphology is gram-positive, motile, spindle like rods that occur in singles and chains.

This culture also grows on #18 agar.

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: 1

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

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

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

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media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

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### **Disclaimers**

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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](http://www.atcc.org)

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  
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Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

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