Wallaceii urinaehumis

BAA-2267™

Description

Strain designation: CP19
Type strain: Yes

Storage Conditions

Product format: Freeze-dried

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 1

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 18: Trypticase Soy Agar/Broth
ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood
Temperature: 37°C
Atmosphere: 100% N_2

Handling Procedures

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_2.

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.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Wallaceii urinaehumis* (ATCC BAA-2267)

References

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

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Contact Information

ATCC
10801 University Boulevard
Manassas, VA 20110-2209
USA
US telephone: 800-638-6597
Worldwide telephone: +1-703-365-2700
Email: tech@atcc.org or contact your local distributor