Description

Designation: J99
Deposited Name: Helicobacter pylori (Marshall et al.) Goodwin et al.
Genotype: cagA+ vacA+
Product Description: Genome sequencing strain.

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: Microaerophilic, 3-5% O₂, 10% CO₂

Propagation Procedure
1. Open thawed vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Aseptically transfer the entire contents to a 5-6 mL tube of #18 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes.
3. Use several drops of the primary broth tube to inoculate a #260 plate and/or #260 agar slant.
4. Or, to obtain a biphasic culture, add several drops of the primary broth tube to a #260 agar slant. Best practice is to incubate these slants at an angle.
5. Incubate at 37°C under microaerophilic conditions for 48 hours. Use an anaerobe jar with an active catalyst and a microaerophilic gas generator pack or other acceptable method. All tubes and slants should be incubated with caps loosened.
6. If growth is observed only in the primary broth, re-inoculate secondary tubes and plates from the primary broth after it shows growth. Transfers should grow well once this initial growth is achieved.

Notes
A jump start might be necessary to obtain sufficient growth.
This item prefers to be grown biphasically on a #260 agar slant with 3 mL of #18 broth overlay. Growth on agar may take longer than the biphasic culture.
Purified genomic DNA of this strain is available as ATCC® 700824D-5™.
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.

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