Designation: Houston-1 [CIP 103737, G5436]
Deposited Name: Rochalimaea henselae Regnery et al.
Product Description: Type strain. Genome sequencing strain.

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: 5% CO₂

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Using a single tube of #18 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. To obtain a biphasic culture, add 0.4 mL of the suspension to a #260 slant. Add remaining 0.1 mL of the suspension to a #260 plate and streak for isolation.
4. Incubate the tubes and plate at 37°C under 5% CO₂. Incubate slant with cap loose.
5. Within 5 to 10 days of incubation, good growth should be obtained in the broth pool at the bottom of the slant. Further subcultures can be made using the broth pool as the inoculum source. Colony formation may take longer and presents as circular, entire, glistening, convex and pin-point.

This is a slow-growing organism that requires moist conditions for best growth. Growth at the broth/agar interface of the biphasic slant should occur within 5 to 10 days. The use of fresh media is of primary importance. ATCC® Medium #4 (Tryptic Soy Agar with 5% Defibrinated Rabbit Blood) may also be used.

Once good growth is obtained, transfer or freeze the culture. Adding an equal amount of 20% sterile glycerol to pooled broth from several biphasic slants, followed by freezing in liquid nitrogen or “ultra-low temperature” freezer, is recommended.

Purified genomic DNA of this strain is available as ATCC® 49882D-5™. Additional information on this culture is available on the ATCC® web site at www.atcc.org.

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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