




Product Sheet


# *Bartonella henselae* (ATCC® 49882™)

Please read this FIRST



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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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: *Bartonella henselae* (ATCC® 49882™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
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## Description

**Designation:** Houston-1 [CIP 103737, G5436]

**Deposited Name:** *Rochalimaea henselae* Regnery et al.

**Product Description:** Type strain. 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:** 5% CO<sub>2</sub>

### 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% CO<sub>2</sub>. 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.

## Notes

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](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: 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

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](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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