



Product Sheet

# *Brachyspira hamptonii* (ATCC® BAA-2464™)

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: *Brachyspira hamptonii* (ATCC® BAA-2464™)

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

Or contact your local distributor

## Description

**Designation:** NSH-24

**Antigenic Properties:** Group II

## Propagation

### Medium

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

### Growth Conditions

**Temperature:** 37°C

**Atmosphere:** Anaerobic

### Propagation Procedure

1. Thaw vial at room temperature. Under anaerobic conditions, aseptically withdraw entire contents of vial and transfer into a tube of #260 broth.
2. Additional plates or slants can be inoculated from this primary suspension. Inoculate two sheep blood agar plates. One plate should be incubated anaerobically to view colony morphology; the other should be incubated aerobically to check for contamination.
3. Incubate tubes and plate under anaerobic conditions at 37°C for 1 week. Observe growth on plates as tiny transparent colonies with beta hemolysis. No growth should be seen on aerobic plate.

### ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by either of the following:

- Use of an anaerobic gas chamber
- Placement of test tubes under a gassing cannula system connected to anaerobic gas

Anaerobic conditions for incubation may be obtained by any of the following:

- Loose screw caps on test tubes in anaerobic chamber
- Loose screw caps on test tubes in an activated anaerobic gas pack jar
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained

## Notes

Colonies on #260 plates are pinpoint, punctiform, colorless, transparent, and β-hemolytic. This strain does not grow well in broth.

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.

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## Disclaimers



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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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