

# Product Information Sheet for HM-469

## *Haemophilus* sp., Oral Taxon 851, Strain F0397

### Catalog No. HM-469

### For research use only. Not for human use.

#### Contributor:

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#### Manufacturer:

BEI Resources

#### Product Description:

Bacteria Classification: Pasteurellaceae, *Haemophilus*

Species: *Haemophilus* sp.

Subtaxon: Oral taxon 851

Strain: F0397

Original Source: *Haemophilus* sp., oral taxon 851, strain F0397 was isolated from a human oral cavity.<sup>1</sup>

Comments: *Haemophilus* sp., oral taxon 851, strain F0397 (HMP ID 9096) is a reference genome for [The Human Microbiome Project](#) (HMP). HMP is an initiative to identify and characterize human microbial flora. The complete genome of *Haemophilus* sp., oral taxon 851, strain F0397 is currently being sequenced at the Genome Institute at [Washington University](#).

Note: HMP material is taxonomically classified by the depositor. Quality control of these materials is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material.

*Haemophilus* species are Gram-negative, facultatively anaerobic, rod-shaped bacteria typically found in the microflora of a normal human mouth. Most *Haemophilus* species are opportunistic pathogens known for involvement in patients with periodontal disease.<sup>2</sup> Within this genus are some significant pathogenic species such as *Haemophilus influenzae* and *Haemophilus ducreyi*.

#### Material Provided:

Each vial contains approximately 0.5 mL of bacterial culture in 0.5X *Haemophilus* Test Medium supplemented with 10% glycerol.

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

#### Packaging/Storage:

HM-469 was packaged aseptically in cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

#### Growth Conditions:

##### Media:

*Haemophilus* Test Medium ([ATCC medium 2167](#)) or equivalent

Chocolate agar ([ATCC medium 814](#)) or equivalent

##### Incubation:

Temperature: 37°C

Atmosphere: Aerobic with 5% CO<sub>2</sub>

##### Propagation:

1. Keep vial frozen until ready for use, then thaw.
2. Transfer the entire thawed aliquot into a single tube of broth.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Incubate the tube, slant and/or plate at 37°C for 24 to 48 hours.

#### Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: *Haemophilus* sp., Oral Taxon 851, Strain F0397, HM-469."

#### Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see [www.cdc.gov/od/ohs/biosfty/bmbli5/bmbli5toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmbli5/bmbli5toc.htm).

#### Disclaimers:

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**References:**

1. [HMP\\_9096](#) (*Haemophilus* sp., oral taxon 851, strain F0397)
2. Myhrvold, V., I. Brondz and I. Olsen. "Application of Multivariate Analyses of Enzymic Data to Classification of Members of the *Actinobacillus-Haemophilus-Pasteurella* Group." *Int. J. Syst. Bacteriol.* 42 (1992): 12-18. PubMed: 1736960.
3. Dewhirst, F. E., et al. "The Human Oral Microbiome." *J. Bacteriol.* 192 (2010): 5002-5017. PubMed: 20656903.

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