

***Prevotella veroralis*, Oral Taxon 572, Strain F0319**

Catalog No. HM-92

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Bacteria Classification: *Prevotellaceae*, *Prevotella*

Species: *Prevotella veroralis*

Subtaxon: Oral Taxon 572

Strain: F0319

Original Source: *Prevotella veroralis* (*P. veroralis*), Oral Taxon 572, strain F0319 was isolated in September 1985 from the subgingival plaque of an 11-year-old male patient in the United States.^{1,2}

Comments: *P. veroralis*, Oral Taxon 572, strain F0319 ([HMP ID 0973](#)) 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 *P. veroralis*, Oral Taxon 572, strain F0319 was sequenced by the Genome Institute at [Washington University](#) (GenBank: [ACVA00000000](#)).

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.

P. veroralis is a Gram-negative, obligately anaerobic, rod-shaped bacterium commonly found in the microflora of a normal human mouth. It is an opportunistic pathogen known for involvement in patients with periodontal disease.³⁻⁵

Material Provided:

Each vial contains approximately 0.5 mL of bacterial culture in 0.5X Modified Chopped Meat Medium supplemented with 10% glycerol.

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

Packaging/Storage:

HM-92 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:

Modified Chopped Meat Medium or equivalent

Tryptic Soy agar with 5% defibrinated sheep blood or equivalent

Incubation:

Temperature: 37°C

Atmosphere: Anaerobic (90% N₂:5% CO₂:5% H₂)

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: *Prevotella veroralis*, Oral Taxon 572, Strain F0319, HM-92."

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, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. J. Izard, Personal Communication.
2. [HMP ID 0973](#) (*Prevotella veroralis*, strain F0319)
3. Watabe, J., Y. Benno and T. Mitsuoka. "Taxonomic Study of *Bacteroides oralis* and Related Organisms and Proposal of *Bacteroides veroralis* sp. nov." Int. J. Syst. Bacteriol. 33 (1983): 57-64.
4. Wu, C.-C., et al. "Emended Descriptions of *Prevotella denticola*, *Prevotella loescheii*, *Prevotella veroralis*, and *Prevotella melaninogenica*." Int. J. Syst. Bacteriol. 42 (1992): 536-541. PubMed: 1390106.
5. Shah, H. N. and D. M. Collins. "*Prevotella*, a New Genus to Include *Bacteroides melaninogenicus* and Related Species Formerly Classified in the Genus *Bacteroides*." Int. J. Syst. Bacteriol. 40 (1990): 205-208. PubMed: 2223612.

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