

Porphyromonas uenonis, Strain UPII 60-3

Catalog No. HM-130

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Bacteria Classification: *Porphyromonadaceae*, *Porphyromonas*

Species: *Porphyromonas uenonis*

Strain: UPII 60-3 (also referred to as strain 60-3)

Original Source: *Porphyromonas uenonis* (*P. uenonis*), strain UPII 60-3 was isolated from a human vaginal cavity.^{1,2}

Comments: *P. uenonis*, strain UPII 60-3 ([HMP ID 0900](#)) 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. uenonis*, strain UPII 60-3 was sequenced at the [J. Craig Venter Institute](#) (GenBank: [ACLR00000000](#)).

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. uenonis is an obligately anaerobic, Gram-negative, commensal rod generally found in the human gut. It is often found as part of a mixed flora in various infections which are thought to originate in the intestinal tract.³

Material Provided:

Each vial contains approximately 0.5 mL of bacterial culture in Supplemented Tryptic Soy broth supplemented with 10% glycerol.

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

Packaging/Storage:

HM-130 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:

Supplemented Tryptic Soy broth or equivalent

Tryptic Soy agar with 5% defibrinated sheep blood or equivalent

Incubation:

Temperature: 37°C

Atmosphere: Anaerobic

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 1 to 2 days.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: *Porphyromonas uenonis*, Strain UPII 60-3, HM-130."

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. Hiller, S. L., Personal Communication.
2. [HMP 0900](#) (*Porphyromonas uenonis*, strain UPII 60-3)
3. Finegold, S. M., et al. "*Porphyromonus uenonis* sp. nov., a Pathogen for Humans Distinct from *P. asaccharolytica* and *P. endodontalis*." *J. Clin. Microbiol.* 42 (2004): 5298-5301. PubMed: 15528728.

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