**Gardnerella vaginalis, Strain JCP8070**

**Catalog No. HM-1113**

For research use only. Not for use in humans.

**Contributor:**
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**Manufacturer:**
BEI Resources

**Product Description:**

**Bacteria Classification:** Bifidobacteriaceae, Gardnerella  
**Species:** Gardnerella vaginalis  
**Strain:** JCP8070  

JCP8070 was isolated on July 28, 2011, from a clinical vaginal swab collected from a woman that tested positive for bacterial vaginosis (Nugent score = 8) at the Washington University School of Medicine in St. Louis, Missouri, USA.1,2,3

**Comments:** G. vaginalis, strain JCP8070 (HMP ID 1580) 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 G. vaginalis, strain JCP8070 was sequenced at Washington University (GenBank: ATJK00000000). 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.

G. vaginalis is a facultatively anaerobic bacterium commonly found in vaginal microbiota. It is often described as Gram-variable but has a thin, Gram-positive cell wall.4 Although G. vaginalis is commonly found in healthy individuals, it is one of the predominant organisms of the vaginal cavity in women with bacterial vaginosis.5,6

**Material Provided:**

Each vial contains approximately 0.5 mL of bacterial culture in NYC III broth supplemented with 10% glycerol.

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

**Packaging/Storage:**

HM-1113 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.

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: Gardnerella vaginalis, Strain JCP8070, HM-1113.”

**Biosafety Level:** 2


**Disclaimers:**

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References:
1. Lewis, A., Personal Communication.
2. HMP ID 1580 (Gardnerella vaginalis, strain JCP8070)

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