Gardnerella vaginalis, Strain UPII 315-A

Catalog No. HM-133

For research use only. Not for human use.

Contributor:
Sharon L. Hillier, Professor, Department of Obstetrics, Gynecology and Reproductive Sciences, Magee-Womens Research Institute, University of Pittsburgh, Pittsburgh, Pennsylvania, USA

Manufacturer:
BEI Resources

Product Description:
Bacteria Classification: Bifidobacteriaceae, Gardnerella
Species: Gardnerella vaginalis
Strain: UPII 315-A
Original Source: Gardnerella vaginalis (G. vaginalis), strain UPII 315-A was isolated from human vaginal flora.1,2
Comments: G. vaginalis, strain UPII 315-A (HMP ID 9435) 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 UPII 315-A was sequenced at the J. Craig Venter Institute (GenBank: AFD100000000).

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.3 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.4,5

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-133 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:
NYC III broth or equivalent
Chocolate agar or equivalent

Incubation:
Temperature: 37°C
Atmosphere: Aerobic with 5% CO2
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: Gardnerella vaginalis, Strain UPII 315-A, HM-133.”

Biosafety Level: 2


Disclaimers:
You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

Use Restrictions:
This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except...
as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

References:
2. HMP ID 9435 (Gardnerella vaginalis, strain UPII 315-A)

ATCC® is a trademark of the American Type Culture Collection.