**Lactobacillus iners**, Strain SPIN 2503V10-D

**Catalog No. HM-704**

For research use only. Not for use in humans.

**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:** Lactobacillaceae, Lactobacillus

**Species:** Lactobacillus iners

**Strain:** SPIN 2503V10-D (deposited as SPIN 10541/2503-D V10)

**Original Source:** Lactobacillus iners (L. iners), strain SPIN 2503V10-D was isolated from a human vagina.

**Comments:** L. iners, strain SPIN 2503V10-D (HMP ID 9215) 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 L. iners, strain SPIN 2503V10-D was sequenced at the J. Craig Venter Institute (GenBank: AEHR00000000).

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 phase.

L. iners is a Gram-positive, facultatively anaerobic, rod-shaped bacterium. It is the most frequently detected bacterial species in the human vagina. L. iners is widely present in healthy females as well as those suffering from bacterial vaginosis or who have undergone antimicrobial therapy, suggesting that it is an indigenous species of vaginal flora.

**Material Provided:**
Each vial contains approximately 0.5 mL of bacterial culture in Lactobacilli MRS broth supplemented with 10% glycerol.

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

**Packaging/Storage:**
HM-704 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.

**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 2 to 3 days.

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: Lactobacillus iners, Strain SPIN 2503V10-D, HM-704.”

**Biosafety Level:**
2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication:


**Use Restrictions:**
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.

**Disclaimer:**
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 their derivatives must obtain written permission from ATCC®.

**Appropriate safety procedures:**
- Use several drops of the suspension to inoculate an agar slant and/or plate.
- Incubate the tube, slant and/or plate at 37°C for 2 to 3 days.

**Product Information Sheet for HM-704**

For research use only. Not for use in humans.

Lactobacillus iners, strain SPIN 2503V10-D

Catalog No. HM-704

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: Lactobacillaceae, Lactobacillus

Species: Lactobacillus iners

Strain: SPIN 2503V10-D (deposited as SPIN 10541/2503-D V10)

Original Source: Lactobacillus iners (L. iners), strain SPIN 2503V10-D was isolated from a human vagina.

Comments: L. iners, strain SPIN 2503V10-D (HMP ID 9215) 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 L. iners, strain SPIN 2503V10-D was sequenced at the J. Craig Venter Institute (GenBank: AEHR00000000).

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 phase.

L. iners is a Gram-positive, facultatively anaerobic, rod-shaped bacterium. It is the most frequently detected bacterial species in the human vagina. L. iners is widely present in healthy females as well as those suffering from bacterial vaginosis or who have undergone antimicrobial therapy, suggesting that it is an indigenous species of vaginal flora.

Material Provided:
Each vial contains approximately 0.5 mL of bacterial culture in Lactobacilli MRS broth supplemented with 10% glycerol.

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

Packaging/Storage:
HM-704 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.

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 2 to 3 days.

Citation:
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: Lactobacillus iners, Strain SPIN 2503V10-D, HM-704."

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication:


Use Restrictions:
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.

Disclaimer:
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 their derivatives must obtain written permission from ATCC®.
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:
1. **HMP ID 9215** (*L. iners*, strain SPIN 2503V10-D)

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