**Gardnerella vaginalis, Strain AMD**

**Catalog No. NR-50514**

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:** AMD  

Original Source: Gardnerella vaginalis (G. vaginalis), strain AMD was isolated in December 2011 from a vaginal swab collected from a woman with bacterial vaginosis in Richmond, Virginia, USA.1,2  

Comments: The complete genome of G. vaginalis, strain AMD is available (GenBank: ADAM00000000).

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:**

NR-50514 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 Casman’s medium base with 5% Rabbit Blood or Tryptic Soy agar with 5% sheep blood or equivalent  

**Incubation:**  
Temperature: 37°C  
Atmosphere: Anaerobic or 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: Gardnerella vaginalis, Strain AMD, NR-50514.”

**Biosafety Level:**  2


**Disclaimers:**

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Product Information Sheet for NR-50514

References:

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