AMPIPROBE®

Bacterial Vaginosis Extraction Controls

The AMPIPROBE® Bacterial Vaginosis Extraction Controls are designed to ensure an efficient genomic DNA extraction process and detection of *Atopobium vaginae, Gardnerella vaginalis, Lactobacillus spp., Megasphaera spp.*, and BVAB2.

The AMPIPROBE® Candida Extraction Controls are designed to be used during the genomic DNA extraction of *Atopobium vaginae, Gardnerella vaginalis, Lactobacillus spp., Megasphaera spp.*, and BVAB2.
All performance specifications must be validated by end-user and will vary based on chosen extraction methods. Eluent from extraction can be used as extraction control for AMPIPROBE® Bacterial Vaginosis Assay kit (Prod. No. ENZ-GEN205).
Plasmids in Extraction Controls are present at higher concentrations compared to assay controls included in the qPCR kit. Extra care should be taken to avoid contamination.

Bacterial vaginosis (BV) is the most common vaginal infection in the United States and affects approximately 29% of women. BV complications include an increased risk to develop other sexually transmitted infections and an increased risk of infection after pelvic surgery. In addition, BV during pregnancy has been linked with adverse pregnancy outcomes including preterm labor and delivery, low birth weight, premature rupture of membranes, postpartum metritis and intra-amniotic infection.
Clinical signs and symptoms (Amsel criteria) are often used to diagnose BV but the gold standard method for diagnosis is enumeration of bacterial morphotypes on a Gram-stained smear.
Although the exact etiology of BV is still undetermined, the consensus is that it occurs when *Lactobacillus spp.*., which normally comprising 90-95% of total bacteria in healthy vaginal flora, is replaced by anaerobes, mainly but not restricted to *Gardnerella vaginalis*. More recently, molecular detection of other microbes, that are mostly unculturable, have been associated with BV including *Atopobium vaginae*, BVAB2, and *Megasphaera spp.*.

- Compatible with manual and automated DNA extraction methods
- Compatible with most open qPCR platforms

Ordering Information

Order Online »

ENZ-GEN206-0500	500µl

Manuals, SDS & CofA

View Online »

Handling & Storage

Use/Stability	All components are stable at -20°C until the kit's expiration date.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	qPCR
Application Notes	The AMPIPROBE® Bacterial Vaginosis Extraction Controls is compatible with manual and automated DNA extraction methods as well as any properly calibrated qPCR thermal cycler capable to detect fluorescence decay. It has been validated for use on the QIAGEN QIAsymphony SP and Rotor-Gene Q.
Contents	Negative Extraction Control BV Positive Extraction Control No BV Target Control
Species Reactivity	Atopobium vaginae, BVAB-2, Gardnerella vaginalis, Lactobacillus spp., Megasphaera-1

Last modified: May 29, 2024

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