

## Bacterial Vaginosis, Nucleic Acid Amplification, Aptima Swab

**Test ID:** BVRNA; performed at Mayo Clinic Laboratories Florida.

**Useful for:**

Aid for diagnosis of bacterial vaginosis.

**Methods:**

Transcription Mediated Amplification

**Reference Values:**

Negative

**Specimen Requirements:**

**Supplies:** Aptima Multitest Swab Collection Kit (T584)

**Container/Tube:** Aptima Multitest Swab

**Specimen Volume:** Swab

- Collection Instructions:**
1. Specimen must be collected using the Aptima Multitest Swab Collection Kit.
  2. Insert swab (pink shaft) about 5 cm past introitus and rotate gently for 30 seconds.
  3. Place swab into transport tube provided in collection kit. Snap off swab at black score line so swab fits into closed tube.
  4. Cap tube securely, and label tube with patient's name and collection date and time.
  5. Maintain swab container between 2 and 30 degrees C (refrigerate temperature is preferred) and transport within 30 days of collection. If longer storage is needed, store frozen between -20 and -70 degrees C for up to 60 days

**Note:**

Specimens not received in the Aptima Multitest Swab Collection kit or broken off above the black scored line will be rejected.

## Specimen Stability Information:

Specimen Type	Temperature	Time
Vaginal	Refrigerated (preferred)	30 days
	Ambient	30 days
	Frozen	60 days

### Cautions:

Therapeutic failure or success cannot be determined with the Aptima bacterial vaginosis (BV) assay since nucleic acid may persist following appropriate antimicrobial therapy.

Bacterial species targeted by the Aptima BV assay may comprise part of the normal microbiome for a significant number of women; a BV positive result should be interpreted in conjunction with other clinical data available to the clinician.

Performance of the assay has not been evaluated in individuals younger than 14 years.

Additional microorganisms not detected by the Aptima BV assay such as *Prevotella* species, *Mobiluncus* species, *Ureaplasma*, *Mycoplasma*, and numerous fastidious or uncultivated anaerobes have also been found in women with BV but are less associated with BV due to their relatively low prevalence, sensitivity, and/or specificity.

Interference with the Aptima BV assay was observed in the presence of the following substances: mucus (1.5% V/V), vaginal moisturizing gel (0.5% W/V) and tioconazole (5% W/V).

### CPT Code:

81513

**Day(s) Performed:** Monday, Wednesday, Friday

**Report Available:** 1 to 4 days

### Questions

Contact Bonnie Meyers, Laboratory Resource Coordinator at 800-533-1710.