

## Trichomonas vaginalis, Nucleic Acid Amplification, Varies

**Test ID:** TVRNA

### Explanation:

This test will become temporarily unavailable to New York State clients only, effective immediately. An additional notification will be sent when testing resumes. The recommended alternative is listed below.

### Note:

The client-specific fee for TVRNA will be honored via a one-time retroactive credit.

### Recommended Alternative Test:

## Trichomonas vaginalis by Transcription-Mediated Amplification (TMA)

**Test ID:** FVTMA

### Order Question and Answers:

Question ID	Description	Answers
Z6285	APTIMA Media Type	MultiTest Swab, Unisex Swab, Urine, ThinPrep
Z6286	Specimen Source	Vaginal, Urine, Endocervical, Urethra

### Methods:

Qualitative Transcription-Mediated Amplification (TMA)

### Reference Values:

Negative

## Specimen Requirements:

Submit only 1 of the following specimens:

Required prompt test answers:

1. **APTIMA Media Type**
2. **Specimen Source**

**Specimen Type:** Urine

**Supplies:** Aptima Urine Transport Tube (T582)

**Container/Tube:** Aptima Urine Specimen Transport Tube

**Specimen Volume:** Collect 20 to 30 mL

**Collection Instructions:**

1. Patient should not have urinated for at least 1 hour prior to specimen collection.
2. Female patients should NOT cleanse the labial area prior to collection.
3. Patient should collect first portion of random voided urine (first part of stream) into a sterile, plastic, Preservative-Free container.
4. Transfer 2 mL of urine into the Aptima urine specimen transport tube using the disposable pipette provided within 24 hours of collection. The correct volume of urine has been added when the fluid level is between the black fill lines on the Aptima urine transport tube.

**Stability:** Ambient: 1 month; Refrigerated: 1 month; Frozen 1 Year

**Specimen Type:** Urethral (Male urethral swab specimens)

**Supplies:** Swab, Aptima Male/Female Collection (T583)

**Container/Tube:** Aptima Collection Unisex Swab

**Specimen Volume:** Swab

**Collection Instructions:**

1. **Urethral specimens must be collected** using an Aptima Collection Unisex Swab.
2. Patient should not have urinated for at least 1 hour prior to collection.
3. With a rotating movement, insert swab (blue shaft) 2 to 4 cm into urethra.
4. Once inserted, rotate swab gently at least 1 full rotation using sufficient pressure to ensure swab meets all urethral surfaces. Allow swab to remain inserted for 2 to 3 seconds, withdraw carefully.
5. Place swab in the Aptima transport tube provided in collection kit. Snap off swab at score line so swab fits into closed tube.
6. Cap tube securely and label tube with patient's entire name and collection date and time.

**Stability: MultiTest or Unisex Swab:** Ambient: 2 months; Refrigerated: 2 months; Frozen 1 year.

**This test is performed only on female patients**

**Specimen Type:** Female Endocervical Specimens

**Supplies:** Swab, Aptima Male/Female Collection (T583) (also known as Aptima Collection Unisex Swab)

**Specimen Volume:** Adequate amount

**Collection Instructions:**

1. **Endocervix specimens must be collected** using the Aptima Collection Unisex Swab.
2. Use cleaning swab (white shaft) to remove excess mucus from endocervix and discard.
3. Insert second swab (blue shaft) 1 to 1.5 cm into endocervical canal and rotate swab gently for 30 seconds. Avoid touching vaginal wall when removing swab.
4. Place second swab (blue shaft) into Aptima transport tube provided in collection kit. Snap off swab at score line so swab fits into closed tube.
5. Cap tube securely and label tube with patient's entire name and collection date and time.
6. Transport and store swab container at 2 to 30 degrees C (refrigerate temperature is preferred) within 60 days of collection).

**Stability: MultiTest or Unisex Swab:** Ambient: 2 months; Refrigerated: 2 months; Frozen 1 year

**Specimen Type:** Vaginal

**Patient preparation:** MultiTest Swab or ThinPrep Collection, Patient must be 14 years of age or older.

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

**Specimen Volume:** Adequate amount

**Collection Instructions:**

1. **Vaginal specimens must be collected** using the Aptima Multitest Swab Specimen Collection Kit, formerly called Aptima Vaginal Swab Specimen Collection Kit).
2. Partially peel open the swab package. Remove the pink-shaft specimen collection swab. Do not touch the soft tip or lay the swab down. If the soft tip is touched, use a new Aptima Multitest Swab Collection Kit.
3. Hold the swab, placing your thumb and forefinger in the middle of the swab shaft covering the score line. Do not hold the swab shaft below the score line.
4. Carefully insert swab (pink shaft) about 2 inches (5 cm) past introitus and rotate gently for 30 seconds, make sure the swab touches the walls of the vagina.
5. Place swab into Aptima transport tube provided in collection kit.
6. Snap off swab at score line so swab fits into closed tube.
7. Cap tube securely and label tube with patient's entire name and collection date and time.
8. Transport and store swab container at 2 to 30 degrees C (refrigerate temperature is preferred) within 60 days of collection.

**Stability: MultiTest or Unisex Swab:** Ambient: 2 months; Refrigerated: 2 months; Frozen 1 year.

**Specimen Type:** ThinPrep Specimen (Endocervical)

**Supplies:** Aptima Thin Prep Transport Tube (T652)

**Container/Tube:** ThinPrep (also called PreservCyt) Collection Kit

**Specimen Volume:** 1 mL

**Collection Instructions:**

1. Aliquot ThinPrep specimen for this test before processing for Pap smear. For each specimen, use a new pair of clean gloves.
2. Vortex ThinPrep/PreservCyt vial 3 to 10 seconds. Within 1 minute of vortexing:
  - a. Transfer 1 mL of specimen into the Aptima specimen transfer tube using a disposable transfer pipette or a pipette tip containing a filter (aerosol barrier or hydrophobic plug).
  - b. Process only 1 ThinPrep and transfer tube set at a time.
  - c. Recap Aptima specimen transfer tube tightly and gently invert 3 times to mix.
3. Label Aptima transfer tube with appropriate label.
4. Use remainder of ThinPrep specimen for Pap testing.
5. Transport and store specimen transport tube at 2 to 30 degrees C (refrigerate temperature is preferred) within 30 days of collection.

**Stability:** Ambient: 1 month; Refrigerated: 1 month; **Frozen: Unacceptable**

**Aptima Specimen Transfer Tube:** Ambient: 2 weeks; Refrigerated: 1 month; Frozen 1 year

**Specimen Stability Information:**

Specimen Type	Temperature	Time
VARIABLE	VARIABLE	

**Cautions:**

A negative result does not completely rule out infection with *T. vaginalis*. Results should be interpreted in conjunction with other clinical data. This test has not been validated for use with self-collected vaginal swab specimens from patients. This test is intended for medical purposes only and is not valid for the evaluation of suspected sexual abuse or for other forensic purposes.

**CPT Code:** 87661

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

**Report Available:** 9 days

**Questions**

Contact James Conn, Laboratory Resource Coordinator at 800-533-1710.