

Urine Specimens and Male Urethral Swabs now accepted for *Trichomonas vaginalis* Nucleic Acid Amplified Testing (NAAT)

Trichomonas vaginalis is estimated to be the most prevalent non-viral sexually transmitted infection in the world. *T. vaginalis* infections may lead to complications including endometritis, infertility, and cervical erosion. In pregnant women, *T. vaginalis* infections may lead to premature rupture of membranes, preterm deliveries, and low birth-weight infants. In men, *T. vaginalis* causes non-gonococcal urethritis. Untreated infections may lead to chronic prostatitis, urethral strictures, epididymitis, and/or infertility.

Molecular testing methods have been shown to significantly increase the sensitivity in the detection of *Trichomonas vaginalis* (95-100% when compared to culture). Testing is performed three times per week providing accurate, timely results.

Dynacare laboratories has now validated female and male urine specimens and male urethral swabs for this assay. Clinical sensitivity and specificity were shown to be 99% and 96% respectively when compared to all other available testing.

Key Benefits:

- Target Capture and Transcription Mediated Amplification (a type of NAAT test) provides a highly accurate method for detection of *T. vaginalis*.
- Testing may be performed on specimens submitted for *Chlamydia trachomatis* (CT) and *Neisseria gonorrhoeae* (GC) testing.

Test	Sensitivity
Wet Mount	20-50%
Antigen	83%
NAAT	97%

Specimen Collection:

- For swab specimens: collect female vaginal or endocervical swab, or male urethral specimens using the Gen-Probe Aptima Unisex swab collection kit. Follow directions provided on the kit.
- For urine specimens: collect urine in sterile container. Transfer urine to Gen-Probe Aptima Urine collection kit within 24 hours of collection. Follow directions provided on the kit.
- Transport specimens at room temperature. Swab specimens are stable at room temperature for 60 days. Urine specimens in Aptima tubes are stable at room temperature for 30 days.

NOTE: If urine is submitted to laboratory in a sterile container, it must be received and inoculated into Aptima tube within 24 hours from the time of collection.

Ordering Information:

- **Test Name:** *Trichomonas vaginalis* NAAT
- **Mnemonic:** TRICH NAAT
- **Test Code:** 7000080
- **CPT Code:** 87798

For questions or additional information, please call:

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