HOW CAN YOU ACHIEVE

EXPAND YOUR LAB’S MOLECULAR TESTING POTENTIAL

► Workflow efficiency for timely patient management
► Diagnostic speed and accuracy to aid in fast, appropriate treatment
► Testing versatility for a wide range of patients

VISIT BD.COM/DS TO FIND OUT HOW
Why change?
The consequences of CT, GC, and TV can be serious; TV is the most common curable STI worldwide. Annually in the United States, millions of new infections are estimated to occur, an amount greater than combined new cases of chlamydia, gonorrhea, and syphilis. Serious adverse reproductive health outcomes, including pregnancy complications, pelvic inflammatory disease, and an increased risk of HIV acquisition, have been linked to TV infection.

Why BD? The right treatment starts with the right test. BD MAX CT/GC/TV tests for the Top 3 most prevalent nonviral STIs at 1 time, every time, from 1 patient collection. Accurate, reliable results provide clinicians with the full picture, enhancing quality patient care.


Why now?
Hospitals and laboratories are faced with increasing challenges in managing workload and patient needs. Staggering cost to the US healthcare system caused by the growing number of new infections demands action in the way we test for CT/GC/TV. The high incidence and overall prevalence of STIs in the general population suggest that many Americans are at substantial risk of exposure to STIs.

Overall Performance Compared to Patient Infection Status

<table>
<thead>
<tr>
<th>Gender</th>
<th>Specimen</th>
<th>Chlamydia trachomatis</th>
<th>Neisseria gonorrhoeae</th>
<th>Trichomonas vaginalis</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sens*</td>
<td>Spec**</td>
<td>Sens</td>
<td>Spec</td>
</tr>
<tr>
<td>Female</td>
<td>Vaginal Swab</td>
<td>99.3%</td>
<td>98.6%</td>
<td>95.5%</td>
</tr>
<tr>
<td></td>
<td>Endocervical Swab</td>
<td>98.5%</td>
<td>99.2%</td>
<td>97.7%</td>
</tr>
<tr>
<td></td>
<td>Urine</td>
<td>98.5%</td>
<td>99.5%</td>
<td>95.7%</td>
</tr>
<tr>
<td>Male</td>
<td>Urine</td>
<td>96.1%</td>
<td>99.4%</td>
<td>99.1%</td>
</tr>
</tbody>
</table>

*Sensitivity **Specificity

Among women, NAAT is highly sensitive, often detecting up to 3-5 times more T. vaginalis infections than wet-mount microscopy, a method with poor sensitivity (51% - 65%)**.

- 2015 CDC STD Treatment Guidelines

“Trichomoniasis is considered the most common curable sexually transmitted disease. In the United States, an estimated 3.7 million people have the infection, but only about 30% develop any symptoms of trichomoniasis.”

Estimated number of new and existing total sexually transmitted infections

- 270,000 Gonorrhea
- 1,570,000 Chlamydia
- 3,710,000 Trichomoniasis

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