Proven rRNA detection for better patient care

Chlamydia and gonorrhea are the most common notifiable sexually transmitted infections. Left untreated, they can cause infertility and other serious health complications.\(^1\) Therefore, early detection is critically important.

*C trachomatis* and *N gonorrhoeae* infections can cause pelvic inflammatory disease (PID)\(^1\)

Up to 30% of women with infections develop PID, and the majority have symptoms too mild or unspecific for them to seek medical care. PID can have serious health consequences for women:\(^1\)

- 20% may become infertile.
- 18% may experience debilitating chronic pelvic pain.
- 9% may have a life-threatening tubal pregnancy.

Only the Aptima Combo 2 assay for CT/NG targets rRNA for proven detection—giving physicians trusted results and helping protect patients from the long-term consequences of PID.
The Aptima Combo 2 assay is uniquely designed to outperform DNA assays

- Provides an upfront biological advantage compared with assays that detect DNA—up to 1,000-fold more rRNA than DNA per cell.\(^2\)
- Minimizes false negatives by removing potential amplification inhibitors.\(^3\)
- Allows multiple sample types to be run simultaneously.

Excellent detection across specimen types

The Aptima Combo 2 assay demonstrated the same excellent sensitivity and specificity for CT and NG detection for each specimen type.\(^3\)

<table>
<thead>
<tr>
<th>SPECIMEN TYPE</th>
<th>CT SENSITIVITY</th>
<th>CT SPECIFICITY</th>
<th>NG SENSITIVITY</th>
<th>NG SPECIFICITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinician-collected Vaginal Swab/</td>
<td>97.2%</td>
<td>98.5%</td>
<td>97.7%</td>
<td>99.6%</td>
</tr>
<tr>
<td>Patient-collected Vaginal Swab</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Endocervical Swab</td>
<td>97.2%</td>
<td>99.3%</td>
<td>100.0%</td>
<td>99.8%</td>
</tr>
<tr>
<td>Male Urethral Swab</td>
<td>100.0%</td>
<td>99.1%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>ThinPrep® Solution</td>
<td>98.2%</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

The Aptima Combo 2 assay demonstrates up to 100% detection of *N. gonorrhoeae*.\(^3,4\)

Multiple sample types make the Aptima Combo 2 assay easy to order as a stand-alone test or in addition to the ThinPrep® Pap Test.

References: