

June 2009

***Chlamydia trachomatis* and *Neisseria gonorrhoeae*
- Sensitivity and Specificity of the GEN-PROBE APTIMA® Assay**

To Health Care Providers:

The sensitivity and specificity for the GEN-PROBE® APTIMA® Assay *Chlamydia trachomatis* and *Neisseria gonorrhoeae* amplified DNA Assay vs. patient infected status.

Table 1: Comparison of GEN-PROBE® APTIMA® Assay vs. Patient Infected Status in Females

	<i>Chlamydia trachomatis</i> ¹		<i>Neisseria gonorrhoeae</i> ²	
	Sensitivity	Specificity	Sensitivity	Specificity
Endocervical Swab	98.3 %	96.1 %	97.3 %	99.0 %
Urine	94.3 %	98.0 %	92.0 %	99.8 %
Patient-Collected Vaginal Swab	98.4 %	95.6 %	97.3 %	99.2 %
Clinician-Collected Vaginal Swab	97.2 %	94.9 %	97.3 %	99.2 %

Table 2: Comparison of GEN-PROBE® APTIMA® Assay vs. Patient Infected Status in Males

	<i>Chlamydia trachomatis</i> ¹		<i>Neisseria gonorrhoeae</i> ²	
	Sensitivity	Specificity	Sensitivity	Specificity
Urethral Swab	97.8 %	96.1 %	99.4 %	97.5 %
Urine	96.0 %	97.2 %	98.9 %	99.2 %

¹GEN-PROBE® APTIMA® Assay for *Chlamydia trachomatis* (package insert). San Diego, CA Gen-Probe Incorporated; 2004.

²GEN-PROBE® APTIMA® Assay for *Neisseria gonorrhoeae* (package insert). San Diego, CA Gen-Probe Incorporated; 2004.

For Further Information:

- Bacterial STI Laboratory at **416-235-5732** or your local Public Health Laboratory
- Public Health Laboratory Helpline **1-800-640-7221**
- For the Specimen Collection Guide and previous Labstracts refer to www.oahpp.ca