



STD5

STD5 Panel by PCR - Qualitative (CT/NG, HSV-1&2, and *Trichomonas vaginalis*)

GA Test Code	501	
Method	Real-Time Polymerase Chain Reaction (rPCR) – Qualitative	
Specimens	ThinPrep: 4.0 mL (2.0 mL), store and ship ambient (up to 3 months). SurePath: 2.0 mL (1.0 mL), store and ship ambient (14 days). G Swab®: G Swab kits are provided by GA. Collect cervical, vaginal or urethral specimen with swab and place in tube with liquid media. Break-off swab (pre-scored) and seal tube for transport. Sample is stable for 30 days at room temperature (15-30°C). <i>Note:</i> The presence of blood, mucus, some spermicidal agents, feminine powder sprays, and treatments for vaginal conditions such as yeast infection may interfere with nucleic acid test based assays.	
Causes for Rejection	Quantity not sufficient (QNS) for analysis; time and/or temperature instructions not followed.	
Reference Range	<i>Chlamydia trachomatis</i>	Not Detected
	<i>Neisseria gonorrhoeae</i>	Not Detected
	HSV-1	Not Detected
	HSV-2	Not Detected
	<i>Trichomonas vaginalis</i>	Not Detected
Turnaround Time	24-48 hours	
CPT Code	<i>Chlamydia trachomatis</i>	87491
	<i>Neisseria gonorrhoeae</i>	87591
	HSV-1	87529
	HSV-2	87529
	<i>Trichomonas vaginalis</i>	87661

Description

This assay involves the simultaneous and multiplex amplification and detection of *Chlamydia trachomatis*, *Neisseria gonorrhoeae*, Herpes Simplex Virus 1&2, and *Trichomonas vaginalis* DNA by real-time polymerase chain reaction (rPCR).

Clinical Utility

A positive PCR result for any 1 of the specific targets indicates the presence of the respective organism in the specimen. A negative result indicates the absence of detectable DNA in the specimen, but does not rule out infection with these or other enteric pathogens. False-negative results may occur due to inhibition of PCR (known inhibition rate of <1%).

Sexually transmitted diseases treatment guidelines, 2010. *MMWR*, December 17, 2010/Vol. 59/No. RR-12, 44-55.

<http://www.cdc.gov/std/trichomonas/STDFact-Trichomoniasis.htm>.

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