

Appendix  
Detection system for STD

Ref.	Detection System			
	Gonorrhea	Chlamydia	Syphilis	Other
33	Culture of urethral or cervical swabs	DNA probes of urethral or cervical swabs (Gen-Probe, San Diego, CA)	RPR plus MHA-TP or 4-fold increase in RPR titer is previously infected or darkfield microscopy of suspicious lesion	N/A
38	LCX probe of (body part) swab (Abbott, address)	LCX probe of (body part) swab (Abbott, address)	N/A	T.vaginalis by In-Pouch TV test (BioMed Diagnostics, address)
41	Clinical diagnosis—visual inspection (re-infection)	Clinical diagnosis—visual inspection (re-infection)	Clinical diagnosis—visual inspection (re-infection)	T.vaginalis by wet mount, microscopy
49	Individual STI testing not done. Presence of a newly-diagnosed STI made by chart review, and study staff were blinded to test results.			
50	Endocervical culture (female) Gram(-) intracellular diplococci on urethral swab(male)	PCR endocervical swab (female) PCR urine (male)	Nontreponemal and treponemal serology	N/A
54	Obtained by computerized records at STD clinics.  Clinical diagnosis or a positive smear/culture or due to a positive gonorrhea culture being given as reason for clinic visit	Obtained by computerized records at STD clinics.  Clinical diagnosis or positive culture.	Obtained by computerized records at STD clinics.  Clinician's diagnosis or positive culture	Clinical diagnosis of Lymphogranuloma venereum, chancroid, and nongonococcal urethritis.
59	Long Beach, Newark sites: LCR(LCx Uriprobe, Abbott Diagnostic Division, Abbott Park, IL).	Long Beach, Newark sites: LCR(LCx Uriprobe, Abbott Diagnostic Division, Abbott Park, IL).	N/A	T.vaginalis by InPouch TV test (BioMed Diagnostics Inc., San Jose, CA) or

	Denver site: PCR (Cobas Amplicor GC PCR; Roche Diagnostic Systems, Inc., Branchburg, NJ), and strand displacement amplification (SDA); (BDProbeTec ET CT/GC; BD Diagnostic Systems, Sparks, MD)	Denver site: PCR (Cobas Amplicor CT PCR; Roche Diagnostic Systems, Inc., Branchburg, NJ), and strand displacement amplification (SDA); (BDProbeTec ET CT/GC; BD Diagnostic Systems, Sparks, MD)		culture.
60	DNA amplification [ligase chain reaction (LCR)] of urine specimens  Chart review	DNA amplification [ligase chain reaction (LCR)] of urine specimens  Chart review	Chart review	Chart review for nongonococcal urethritis (males only), trichomoniasis
61	Utilized surveillance data by the New York City Department of Health to identify new infections, and did not break down STIs by individual diseases.			
64	DNA probes of endocervical samples Gen-Probe PACE 2 assay, Gen-Probe, San Diego, CA).	DNA probes of endocervical samples (Gen-Probe PACE 2 assay, Gen-Probe, San Diego, CA).	N/A	