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# Abbott RealTime CT/NG

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The Abbott RealTime CT/NG assay is an in vitro polymerase chain reaction (PCR) assay for the direct, qualitative detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* in male urethral and female vaginal swab specimens or in male and female urine specimens from symptomatic and asymptomatic individuals.



- Industry-proven real-time PCR technology provides excellent performance with high specificity and superior sensitivity
- Complete automation on the *m2000* System increases workflow and decreases labor cost
- Simple *multi-Collect* Specimen Collection Kit offers one kit for multiple specimen types and prevents specimen collection errors
- Platform consolidation with HIV-1 and CT/NG IVD assays on the same platform – *m2000* System

## Abbott RealTime CT/NG Assay Specifications

Technology:	Multiplex, PCR technology with homogenous real-time fluorescence detection
Target Regions:	<i>C. trachomatis</i> : Cryptic plamid <i>N. gonorrhoeae</i> : Opa gene
Specimen Types:	Male: Urine and urethral swab Female: Urine and vaginal swab (clinician or self collected)
Collection Device:	Abbott <i>multi-Collect</i> Specimen Collection Kit
Internal Control:	Added to each specimen to demonstrate proper specimen processing and assay validity
Sensitivity:	Limit of Detection is 320 copies of CT target DNA and NT target DNA per assay
Specificity:	No cross reactivity to 111 organisms that are phylogenetically related to CT and NG and those that can be found in the urogenital tract. No cross reactivity to non-pathogenic <i>Neisseria</i> strains.

## Abbott *multi-Collect* Specimen Collection Kit

The Abbott *multi-Collect* Specimen Collection Kit is a combined sampling, transport and storage device designed to allow specimens to arrive at the testing location ready for the processing and detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae*.



### Clinician Benefits

- No additional cleaning steps
- No addition of sample stabilizers
- No stocking of gender-specific collection kits

### Laboratorian Benefits

- No swab transfer or manual expression of swabs
- No sample centrifugation or vortexing
- No manual pipetting or addition of lysis buffer

## Ordering Information

Product	List Number	Configuration
Abbott RealTime CT/NG Amplification Reagent	8L07-90	192 tests (4 packs x 48 tests)
Abbott RealTime CT/NG Control Kit	8L07-80	8 vials of CT/NG Negative Control, 16 vials of CT/NG Cutoff Control
Abbott RealTime CT/NG Application CD-ROM	6L98-01	1 each
Abbott <i>multi-Collect</i> Specimen Collection Kit	9K12-03	10 boxes of 50 kits per box

For more information, contact your local Abbott Molecular representative or visit us at [www.abbottmolecular.com](http://www.abbottmolecular.com)

