

Allplex™

# CT/NG/MG/TV Assay

Sexually transmitted infection (STI) is spread predominantly by unprotected sexual contact. It involves symptoms such as genital pain or secretion when infected, but it can often be asymptomatic. As STI can cause intra-pelvic inflammatory disease, ectopic pregnancy, chronic pelvic pain, or neonatal infection if left untreated, it's crucial to get tested periodically for early prevention.

Allplex™ CT/NG/MG/TV Assay is a multiplex real-time PCR assay that can identify 4 major pathogens (CT, NG, MG, TV) causing STI. This assay is suitable for STI screening, with the application of various specimens and fast PCR TAT. It can also be used with Seegene's other products confirming antibiotic resistance to provide informative STI screening.

## Key features

- ✔ **Multiple detection**
  - Detects and identifies 4 major pathogens (CT, NG, MG, TV) of STI simultaneously in one tube, with a single test
- ✔ **Wide range of specimen**
  - Application of diverse specimens associated with STI
- ✔ **Combination test**
  - Combination test available with Seegene's other STI-DR assays (Allplex™ MG & AziR Assay, Allplex™ MG & MoxiR Assay, Allplex™ NG & DR Assay\*\*) for informative STI screening
- ✔ **Fast PCR TAT for screening**
  - Reduces test time with fast PCR TAT of 1.5 hours

## Specifications

Analytes	Specimens	Compatible instrumentation
<ul style="list-style-type: none"> <li>• <i>Chlamydia trachomatis</i> (CT)</li> <li>• <i>Neisseria gonorrhoeae</i> (NG)</li> <li>• <i>Mycoplasma genitalium</i> (MG)</li> <li>• <i>Trichomonas vaginalis</i> (TV)</li> <li>• Endogenous internal control (IC)*</li> </ul>	<ul style="list-style-type: none"> <li>• Urine</li> <li>• Liquid-based cytology (SurePath™ / ThinPrep® / CellPreserv)</li> <li>• Genital swab</li> <li>• Oropharyngeal swab</li> <li>• Anorectal swab</li> <li>• Semen</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Automated extraction &amp; PCR setup</b> Seegene STARlet-AIOS** Seegene NIMBUS Seegene STARlet</li> <li>• <b>Automated extraction</b> NucliSENS® EasyMag® SEEPREP32™</li> <li>• <b>Real-time PCR</b> CFX96™ Dx</li> </ul>

## Ordering information

Product	Volume	Cat. No.	Product	Volume	Cat. No.
Allplex™ CT/NG/MG/TV Assay	100 rxns	SD9400X	Allplex™ NG & DR Assay**	100 rxns	SD10367X
	25 rxns	SD10317Z		25 rxns	SD10368Z
Allplex™ MG & AziR Assay	100 rxns	SD10170X	Allplex™ MG & MoxiR Assay	100 rxns	SD10234X
	50 rxns	SD10169Y		50 rxns	SD10233Y
	25 rxns	SD10319Z		25 rxns	SD10232Z

\* Exogenous internal control is required for urine and anorectal swab specimens.  
\*\* Upcoming