

Allplex™

# STI Essential Assay

Sexually transmitted infection (STI) is spread predominantly by unprotected sexual contact. Due to its high infection rate and co-infection cases, it's important to find the exact causative pathogens of STI. Moreover, STI shows no symptoms in many cases, so there is a high risk of being left untreated. If not treated in a timely manner, STI can cause complications such as ectopic pregnancy, infertility, chronic pelvic pain, or neonatal infection, so regular testing is crucial for early prevention.

**Allplex™ STI Essential Assay** is a multiplex real-time PCR assay that can identify 7 major pathogens (CT, NG, MG, TV, MH, UU, UP) that can cause STI. This assay enables syndromic testing of STI with its ability to accurately detect causative pathogens. Also, it can provide even more comprehensive syndromic testing when used with Seegene's other STI products.

## Key features

### ✔ High multiplex detection

- Detects and identifies 7 major pathogens (CT, NG, MG, TV, MH, UU, UP) of STI simultaneously in one tube, with a single test

### ✔ High specificity

- Cross-reactivity does not occur with other closely related species

### ✔ Wide range of specimen

- Application of diverse specimens associated with STI

### ✔ Syndromic test

- Combination test available with Seegene's other STI assays (Allplex™ Candidiasis Assay, Allplex™ Genital ulcer Assay, Allplex™ Bacterial Vaginosis Assay) to comprehensively detect causative pathogens of STI

## 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>• <i>Mycoplasma hominis</i> (MH)</li> <li>• <i>Ureaplasma urealyticum</i> (UU)</li> <li>• <i>Ureaplasma parvum</i> (UP)</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™ STI Essential Assay	100 rxns	SD9801X	Allplex™ Genital ulcer Assay	100 rxns	SD9802X
	50 rxns	SD9801Y		50 rxns	SD9802Y
	25 rxns	SD10245Z		25 rxns	SD10177Z
Allplex™ Candidiasis Assay	100 rxns	SD9803X	Allplex™ Bacterial Vaginosis Assay	100 rxns	SD9804X
	25 rxns	SD10178Z			

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

\*\* Upcoming