



Novaplex™ **Genital Ulcer Assay***



Challenges with traditional testing

Genital ulcers are small wounds that can form on the body, usually in the genital area and the most common cause of transmission is through sexual contact. Since the pandemic, genital ulcer incidences have increased and the need for rapid and accurate PCR testing has never been greater. Traditional methods for the detection of pathogens are often inaccurate, labor-intensive, and time-consuming. These tests can take several days of turnaround time and have poor sensitivity. PCR testing reduces turnaround time from several days to a few hours and has been shown to be up to 33% more accurate than culture testing.

KEY FEATURES

- Our advanced multiplexing technology allows labs to process more samples in less time with fewer materials and manual workflow steps.
- Simultaneously detect and differentiate between 7 ulcer targets in one well
 - Reduce overall costs and manual labor
 - Increase lab efficiency while reducing turnaround time
 - Large STI testing menu of 4 assays, and over 40 targets
 - 4 hour TAT (from extraction to results)

ANALYTES

Novaplex™ Genital Ulcer Assay	Novaplex™ STI Essential Assay	Novaplex™ CT/NG/MG/TV Assay	Novaplex™ MPXV Assay
<ul style="list-style-type: none"> • Herpes simplex virus (HSV-1) • Herpes simplex virus (HSV-2) • Cytomegalovirus (CMV) • Varicella-zoster virus (VZV) • C. trachomatis serovar L (LGV) • Treponema pallidum (TP) • Haemophilus ducreyi (HD) 	<ul style="list-style-type: none"> • Chlamydia trachomatis (CT) • Neisseria gonorrhoeae (NG) • Mycoplasma genitalium (MG) • Mycoplasma hominis (MH) • Trichomonas vaginalis (TV) • Ureaplasma urealyticum (UU) • Ureaplasma parvum (UP) 	<ul style="list-style-type: none"> • Chlamydia trachomatis (CT) • Mycoplasma genitalium (MG) • Neisseria gonorrhoeae (NG) • Trichomonas vaginalis (TV) 	<ul style="list-style-type: none"> • Monkeypox virus (MPXV)

ORDERING INFORMATION



Assay	Volume (rxns)	Catalog No.
Novaplex™ Genital Ulcer Assay	124	R-SD9802W
Novaplex™ STI Essential Assay	124	R-SD9801W
Novaplex™ CT/NG/MG/TV Assay	124	R-SD10217W
Novaplex™ MPXV Assay	25	R-PX10325Z

*Novaplex™ Assays are For Research Use Only. Not for Use in Diagnostic Procedures.

FOR EXTRACTION

Seegene Launcher



Seegene NIMBUS

Seegene STARlet

REAL-TIME PCR



Bio-Rad

AUTOMATED DATA ANALYSIS



Seegene Viewer Software

Compatible Systems		Catalog No.
For Extraction	Seegene STARlet**	67930-03
For Extraction	Seegene Nimbus**	65415-03
Operation Software	Seegene Launcher	-
Real-Time PCR	CFX96™ Dx/Touch/Opus™	Purchase From Bio-Rad [^]
Automated Data Analysis	Seegene Viewer Software	-

** Extraction methods are not limited to the Seegene NIMBUS and Seegene STARlet.

[^] The CFX96™ Dx/Touch/Opus™ instrument is to be purchased directly from Bio-Rad. Seegene does not distribute the instrument in the U.S. Please contact Bio-Rad for ordering information.

