The SimplyTest's innovative platform provides highly sensitive, highly specific, and reliable testing results using proprietary molecular technology purpose-built to offer robust multiplex pathogen & serotype detection from a single patient sample.

SPECTRUM SIMPLY TEST™

SIMPLY STI™

Industry leading & **most comprehensive STI tests** detecting 13 STIs across genital, oral, & blood-based pathogens.

	PREMIUM -or- PREMIUM+		COMPLETE -or- COMPLETE+		ORAL	BLOOD	HPV	LET'S GET CHECKED	INNOVATIVE HEALTH DIAGNOSTICS	EVERLYWELL	VERISANA	LEGACY	DIRECT LABS US BIOTECH	QUEST	STD CHECK	RUPA HEALTH
	Urine DBS	PREMIUM PLUS Saliva	Urine	COMPLETE PLUS Saliva	Saliva	DBS	Swab	Swab Urine DBS	Urine DBS	Urine DBS	Urine DBS	Urine DBS	Urine Vein	Urine Vein	Urine Vein	Vein
Pathogen	12	(+) 9	9	(+) 9	9	4	1	11	6	7	10	6	8	7	9	6
Neisseria Gonorrhoeae (NG)	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓
Chlamydia Trachomatis (CT)	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓
Trichomonas Vaginalis (TV)	✓	✓	✓	✓	✓			✓		✓	✓		✓	✓		
Mycoplasma Genitalium (Mgen)	✓	✓	✓	✓	✓			✓			✓					
Ureaplasma Urealyticum (UU)	✓	✓	✓	✓	✓			✓			✓					
Treponema Pallidum (Syphilis)	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Herpes Simplex Virus 1 (HSV-1)	✓	✓	✓	✓	✓			✓					✓		✓	✓
Herpes Simplex Virus 2 (HSV-2)	✓	✓	✓	✓	✓			✓			✓		✓		✓	✓
HIV 1 & 2	✓					✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Hepatitis A Virus (HAV)															✓	
Hepatitis B Virus (HBV)	✓					✓		✓	✓			✓	✓	✓	✓	
Hepatitis C Virus (HCV)	✓					✓		✓	✓	✓	✓	✓		✓	✓	
Human Papilloma Virus (HPV)							✓			✓	✓					
Monkeypox Virus (MPXV)	✓	✓	✓	✓	✓											

Blood & **Only** Test for Lesions

First Complete Saliva STI Testing Panel

Simultaneous & Comprehensive Molecular Testing for Bacterial, Viral, & Parasitic Sexually Transmitted Infections | simply**test**.com

SIMPLY STI ™

WHAT IS STI?

Infections transmitted from human to human through sexual contact when a body fluid containing a sexually transmitted pathogen is deposited on a susceptible body site.

CLINICAL PRESENTATIONS

- Pain when urinating
- Abdominal and/or pelvic pain (pelvic inflammatory disease)
- Vaginal or penile discharge
- Painful and non-painful sores
- Rectal pain
- Sore throat
- Infertility
- Pregnancy complications such as failure to thrive
- Pelvic inflammatory disease

MOST COMMON STI PATHOGENS

- Gonorrhoeae (GC)
- Chlamydia (CT)
- Trichomonas (Tric)
- Herpes 1 and 2 (HSV 1, 2)
- Mycoplasma genitalium (MG)
- Syphilis (T. pallidum)
- Human Papilloma Virus (HPV)
- Human Immunodeficiency Virus (HIV)
- Hepatitis viruses (HBV, HCV)

BURDEN IN THE US[1]

- 1.6 million cases of Chlamydia (6% increase from 2015)
- 677,769 cases of Gonorrhea (45% increase from 2016)
- 133,945 cases of Syphilis (52% increase from 2016)
- 2,148 cases of Congenital Syphilis (235% increase from 2016)

WHY TEST?

- Clinical presentation of STIs are very similar to other infections such as UTIs and vaginitis.
- Testing is the only way to know if an STI pathogen is responsible for the clinical presentation.
- Testing is the only way to know the best treatment plan for the clinical presentation.
- STIs are asymptomatic in at least 50% of infected individuals.
- Asymptomatic individuals can transmit the infection to their sexual partners and babies.
- Left untreated the infection can spread from the infected site systemically.
- Systemic spread of STIs is associated with increase in morbidity and in some cases fatality.

WHY CHOOSE **SIMPLY** STI?

- The CDC recommends the use of nucleic acid technology for detection of STIs.[2]
- The complexity of the STI ecological pool presents a significant challenge to culture-based technology (CBT) due to the lack of sensitivity and specificity compared to nucleic acid technology.
- Multiplex nucleic acid technology provides improved sensitivity and specificity over CBT (n=1855)[3]
  - 100% specificity
  - 18% detection rate compared to 3% for CBT
  - Detection of additional 27 coinfections by PCR vs CBT
- Simply STI has the most comprehensive test menu compared to most competitors.
- Wide selection of sample types ensures you are using the appropriate sample for the right diagnosis.

WHO TO TEST?

- Patients exhibiting clinical presentations (symptomatic patients)
- Asymptomatic patients (see CDC guidelines)[4]
- Patients with substance use disorder.

SELECT THE RIGHT **SPECIMEN** TYPE?

Males

- First void urine (equivalent in sensitivity to urethral swab)
- Urethral swab (clinician collected)
- Saliva*
- Lesion swab

Females

- First void urine (may miss up to 10% of infections with low organismal load)
- Self or clinician collected vaginal swab (recommended sample type)
- Saliva*
- Lesion swab

	CHLAMYDIA		GONORRHEA		TRICHOMONAS	
Specimen Type	***Sensitivity***	***Specificity***	***Sensitivity***	***Specificity***	***Sensitivity***	***Specificity***
Vaginal Swab†	*96.6%*	*96.8%*	*96%*	*99.2%*	*100%*	*99%*
*Vaginal Swab***	*98.4%*	*96.8%*	*100%*	*99.5%*	-	-
Endocervical Swab	*94.2%*	*97.6%*	*99.2%*	*98.7%*	*100%*	*99.4%*
Urine (female)	*94.7%*	*98.9%*	*93.1%*	*99.3%*	*95.2%*	*98.9%*
Urine (male)	*97.9%*	*98.5%*	*98.5%*	*99.6%*	-	-
Urethral (male)	*95.9%*	*97.5%*	*99.1%*	*97.8%*	-	-
ThinPrep	*96.7%*	*99.2%*	*92.3%*	*99.8%*	-	-

[1] https://www.cdc.gov/std/statistics/2020/default.htm
[2] https://www.cdc.gov/std/treatment-guidelines/screening-recommendations.htm
[3] Comprehensive Screening for Sexually Transmitted Pathogens. Medlab Management. Sept-Oct. 2014. Vol 3 #5
[4] https://www.cdc.gov/std/laboratory/2014labrec/2014-lab-rec.pdf

†clinician collected
**patient collected

*Obtain an adequate history of sexual practices in order to determine whether saliva is appropriate.