



**SEXUAL HEALTH -
MEN**

BioReference
LABORATORIES
an **OPKO** Health Company

THE PATH TO **BETTER SEXUAL HEALTH IN MALES**

The CDC estimates that there are approximately 20 million new Sexually Transmitted Infections (STIs), and 50,000 new HIV infections each year in the U.S. Certain behaviors can put a patient at a higher risk for developing such infections, including:

- Patients with new or multiple sexual partners
- Sexually active patients in a high-risk demographic (under the age of 25)
- Patients who are having unprotected sexual relations

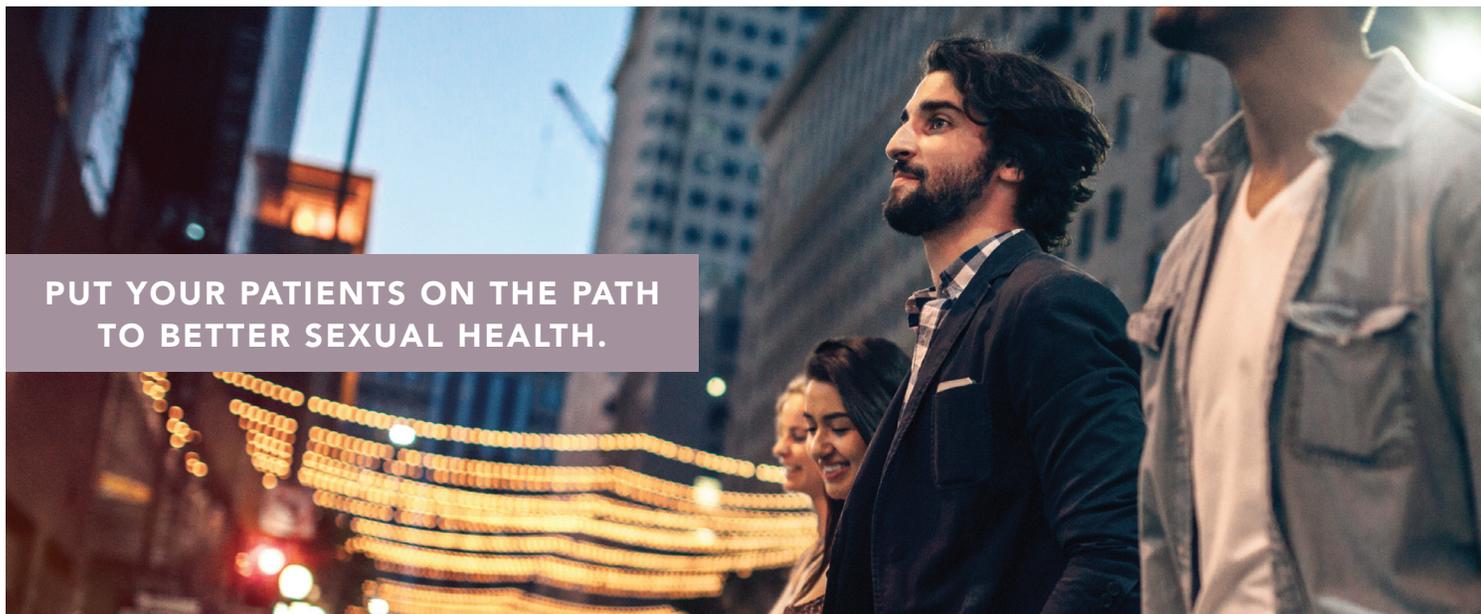
The same behaviors that put a patient at risk for acquiring STIs can also put them at risk of HIV infection. Studies have shown that patients who have STIs are 2 to 5 times more likely to get HIV compared to uninfected individuals.

To properly detect, diagnose, and treat specific infections in patients, physicians should look at comprehensive clinical data across a breadth of pathogens.

Convenience and Quality From BioReference

Testing for and treating STIs can be an effective tool in preventing the spread of HIV and transferring STIs to partners. Our Sexual Health Profile (For Men) provides physicians with results for multiple infections from easy-to-collect samples. The profile's report includes useful treatment management tools - such as previous test results and highlighted abnormalities - that promote patient engagement and compliance.

This comprehensive test allows physicians to make patients aware of their status, actively treat infection, avoid further complications, and improve a patient's quality of life.



**PUT YOUR PATIENTS ON THE PATH
TO BETTER SEXUAL HEALTH.**

The Following Disease Markers and Tests are Included in the Profile

Markers	Relevance
Chlamydia trachomatis	Chlamydia is one of the most commonly reported STIs in the U.S., with approximately 1.5 million new cases being reported each year. The infection can be easily cured, but if left untreated, can cause non-gonococcal urethritis (NGU), epididymitis, orchitis, and epididymo-orchitis.
Hepatitis B Ab	The CDC estimates that nearly 20,000 people contract Hepatitis B Virus (HBV) each year in the U.S. There are an estimated 850,000–2.2 million chronic cases in the U.S. Rates are highest among adults.
Hepatitis C Ab	Approximately 2.7–3.9 million persons in the U.S. have chronic Hepatitis C Virus (HCV) infection. HCV can be transmitted sexually, and persons at risk for infection through injection intravenous drug use might seek care in STI treatment facilities.
HIV 4th Generation	Approximately 18 million persons in the U.S. are tested for HIV each year, and an estimated 1.3 million people are living with HIV. The CDC estimates at least 1 in 3 Americans who test positive for HIV is tested too late to get the full advantage of treatment.
Mycoplasma genitalium	In male patients, Mycoplasma genitalium can be a causative organism for non-gonococcal urethritis (NGU) and may cause epididymitis. About 1 million cases of NGU can be attributed to Mycoplasma genitalium each year.
Neisseria gonorrhoeae	The CDC estimates there are 400,000 new cases of gonorrhea each year. In males, the Neisseria gonorrhoeae can lead to NGU, epididymitis, orchitis, and epididymo-orchitis.
Syphilis (RPR)	According to the CDC, primary and secondary syphilis cases have increased almost every year since 2000. In 2015, a total of 23,872 cases were reported, a rate increased of 19.0% from the year prior. The rise in the rate of reported P&S syphilis was primarily attributable to increased cases among men.
Trichomonas vaginalis	In the U.S., an estimated 3.7 million people have trichomonas. Common complications in males may be NGU, epididymitis, orchitis, and epididymo-orchitis. Trichomonas can also increase the risk of getting or spreading HIV.
Ureaplasma spp.	Usually associated with NGU, which is often asymptomatic. Infections can also lead to epididymitis, orchitis, and epididymo-orchitis.

HIGHLIGHTS AND REFERENCES:

Test Code:	F239-9
Specimen Requirements:	Sterile Urine Cup, 1 SST
Storage Requirements:	Refrigerate
Turn-Around-Time:	3-5 Days
CPT Codes:	87389; 86706; 86803; 87591; 87491; 87109 x2; 87661; 86592

*For Government Healthcare Programs tests should be ordered individually and as needed, not in panel form.

Additional Resources:

Mayo Clinic: www.mayoclinic.com/health/std-symptoms

Centers for Disease Control: www.cdc.gov/std

REFERENCES:

- Centers for Disease Control: Sexually Transmitted Diseases. www.cdc.gov/std/default.htm
- STDs. National Institute of Allergy and Infectious Diseases: www.niaid.nih.gov/topics/std/Pages/default.aspx
- Centers for Disease Control: HIV Fact Sheet – Today’s Epidemic www.cdc.gov/nchstp/newsroom/docs/hivfactsheets/todaysepidemic-508.pdf
- National Institute of Allergy and Infectious Diseases: Viral Hepatitis B. www.niaid.nih.gov/topics/hepatitis/hepatitisb/Pages/Default.aspx
- National Institute of Allergy and Infectious Diseases: Viral Hepatitis C. www.niaid.nih.gov/topics/hepatitis/hepatitisc/Pages/Default.aspx
- Centers for Disease Control: Chlamydia Fact Sheet. www.cdc.gov/std/Chlamydia/STDFactchlamydia-detailed.htm
- Centers for Disease Control: Gonorrhea Fact Sheet. www.cdc.gov/std/Gonorrhea/STDFactgonorrhea-detailed.htm
- Centers for Disease Control: Trichomonas Fact Sheet. www.cdc.gov/std/Trichomonas/STDFact-Trichomoniasis.htm