CORE BIO LABS
Precise • Comprehensive • Reliable

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OH CLIA #36D2061372
OH CAP #7541618

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STI Panel (PCR)

CoreBioLabs PCR	Culture
Results within 24 hours	Results in 3-14 days
> 99% Sensitivity and Specificity	Typically can only detect one pathogen
Rapid detection of fastidious organisms such as fungi & anaerobes	Extended incubation for fungi and anerobes
NOT affected by antibiotic use	IS affected by antibiotic use

STI Panel

CoreBioLabs uses advanced molecular identification techniques including the QuantStudio 12 Flex by ThermoFisher®. We proudly offer an option for in-house **Antibiotic Susceptibility Testing**. After positive culture growth, our BD Phoenix® system provides antimicrobial concentrations for detection of emerging resistance. We also offer Urinalysis for data driven diagnosis. Our provider friendly reporting is portal driven with personalized office flexibility.

Pathogens + Markers

Chlamydia trachomatis
Gonorrhea/ Neisseria gonorrhea
Haemophilus ducreyi
Herpes virus 1
Herpes virus 2
Human papillomavirus 16
Human papillomavirus 18
Mycoplasma genitalium
Mycoplasma hominis
Treponema pallidum
Trichomonas vaginalis
Ureaplasma parvum
Ureaplasma urealyticum

Resistance Markers
Carbapenems
ESBL
Fosfomycin
Macrolide
Quinolone
Sulfonamide/ Trimethoprim
Tetracycline
Vancomycin
AmpC
Methicillin

"Multiplex real-time PCR (Anyplex™ II) showed outstanding results in all fields, particularly sensitivity and specificity, compared with other diagnostic tools. This method yielded **100% sensitivity and high specificity** for the detection of C. trachomatis, N. gonorrhoeae, T. vaginalis, M. genitalium, and M. hominis. It was also useful for discriminating between U. urealyticum and U. parvum.

Multiplex real-time PCR was found to be an equivalent or superior modality for the diagnosis of STIs." [1]

CAP ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS

Clinical Laboratory Improvement Amendments

1 Choe, H. S., Lee, D. S., Lee, S. J., Hong, S. H., Park, D. C., Lee, M. K., Kim, T. H., & Cho, Y. H. (2013). Performance of Anyplex™ II multiplex real-time PCR for the diagnosis of seven sexually transmitted infections: comparison with currently available methods. International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases, 17(12), e1134–e1140. https://doi.org/10.1016/j.ijid.2013.07.011