Bringing you the latest advances in molecular diagnostic testing…

One vial… multiple pathogens

Diagnostic Advantages…

- **90+** pathogens from one vial
- DNA amplification via PCR technology
- Microbial drug resistance profiling
- High precision robotic accuracy
- High diagnostic sensitivity & specificity
- Specimen viability up to 5 days after collection
- Test additions available up to 30 days after collection
- No refrigeration required before or after collection
- Blood and excess mucus will not affect results

- **50+** molecular diagnostic tests available on the ThinPrep®
- Comprehensive, full color report included with each result
- Patient-specific history trend reports
- Highly skilled, board-certified pathologists
- Automatically generated, monthly Pap result summary reports

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COLLEGE of AMERICAN PATHOLOGISTS
A MEMBER OF GENESIS BIOTECHNOLOGY GROUP

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Medical Diagnostic Laboratories
www.mdlab.com • 877.269.0090

IH0095 Upd.: 9.2026

mdl

Available off the OneSwab®

SEXUALLY TRANSMITTED INFECTIONS

Leukorrhea Panel
- *Chlamydia trachomatis* (*Reflex to antibiotic resistance by Molecular Analysis)
- *Neisseria gonorrhoeae* (*Reflex to antibiotic resistance by Molecular Analysis)
- *Trichomonas vaginalis* (Reflex to metronidazole resistance)
- *Mycoplasma genitalium* (*Reflex to antibiotic resistance by Molecular Analysis)

Genital Ulcer Disease Panel
- *Haemophilus ducreyi*
- Herpes subtype (HSV-1 & HSV-2)
- *Treponema pallidum* (syphilis)

- **HPV Type-Detect® 4.0 by Multiplex Real-Time PCR**

VAGINITIS & VAGINOSIS

Bacterial Vaginosis (BV) Panel with Lactobacillus Profiling by qPCR
[*Fannyhessea vaginae* (*Atopobium vaginae*), BVAB1, BVAB2, BVAB3, *Bacteroides fragilis*, *Bifidobacterium breve*, Megasphaera Type 1 & 2, *Gardnerella vaginalis*, *Mobiluncus curtisii*, *M. mulieris*, *Prevotella bivia*, *Sneathia sanguinegens*, *Streptococcus anginosus*]

Aerobic Vaginitis (AV) Panel
- *Enterococcus faecalis*
- *Escherichia coli*
- Group B Streptococcus (GBS)
- *Staphylococcus aureus*

Candida Vaginitis Panel
- *Candida albicans*
- *Candida glabrata*
- *Candida krusei*
- *Candida parapsilosis*
- *Candida tropicalis*

- **Urogenital Mycoplasma & Ureaplasma Panel**
- *Mycoplasma genitalium* (*Reflex to antibiotic resistance by Molecular Analysis)
- *Mycoplasma hominis*
- *Ureaplasma urealyticum* (*Reflex to antibiotic resistance by Molecular Analysis)

HUMAN PAPILLOMAVIRUS (HPV)
- HPV Type-Detect® 4.0 by Multiplex Real-Time PCR
- HPV Type-Detect® 4.0 (High Risk Subtypes only, reflex to Vaginal Dysbiosis)

PREGNANCY
- Group B Streptococcus (GBS)
- Group B Streptococcus (GBS) Antibiotic Resistance

- *Actinomyces israelii*
- *Actinomyces* spp. group 1
- *Bacteroides fragilis*
- *Bacteroides ureolyticus*
- Fluconazole resistance by X-Plate Technology®:
  - *Candida albicans*
  - *Candida glabrata*
  - *Candida parapsilosis*
  - *Candida tropicalis*
- *Candida dubliniensis*
- *Candida kefyr*
- *Candida lusitaniae*
- Cytomegalovirus (CMV)
- *Eggerthella* species
- *Enterobacter cloacae*
- *Gleimia europaea* (*Actinomyces europaeus*)
- Group A Streptococcus
- *Klebsiella oxytoca*
- *Klebsiella pneumoniae*
- Lymphogranuloma venereum (LGV)
- *Mobiluncus mulieris* & *Mobiluncus curtisii*
- Molluscum contagiosum virus
- MRSA: Methicillin Resistant and Methicillin Susceptible (MSSA) *Staphylococcus aureus*
- CA-MRSA: Community-Associated MRSA. Panton-Valentine Leukocidin (PVL) DNA
- *N. gonorrhoeae** & *C. trachomatis**
- *Prevotella* species Group 1 (*P. bivia, P disiens, P. intermedia, P. melaninogenica*)
- *Prevotella* Species Group 2 (*P. corporis, P. albensis*)
- *Proteus mirabilis*
- *Pseudomonas aeruginosa*
- *Serratia marcescens*
- *Staphylococcus saprophyticus*
- Urogenital Mycoplasma Panel (*M. genitalium** & *M. hominis*)
- Varicella-zoster virus (VZV)

GENETIC CARRIER SCREENING
- Cystic Fibrosis Core Test by Sanger Sequencing (23 major CFTR mutations approved by ACOG/ACMG)
- Cystic Fibrosis Comprehensive Test by Sanger Sequencing (191 variants of the CFTR gene, including the 23 major mutations approved by ACOG/ACMG)
- Cystic Fibrosis Site Specific Analysis by DNA Sequencing

Available off the ThinPrep®

Molecular Diagnostic Testing: ThinPrep®

PATHOLOGY

Liquid Pap Test

Liquid Pap Test - reflex to HPV Type-Detect® 4.0 if ASCUS or greater

Liquid Pap Test - reflex to HPV Type-Detect® 4.0 if SIL or greater

Liquid Pap Test-HPV Type-Detect® 4.0

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