

Bringing you the latest advances in molecular diagnostic testing...

One vial... multiple pathogens

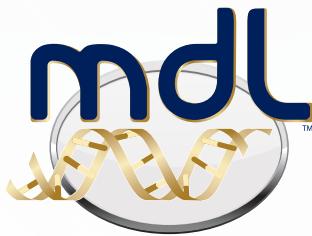
Diagnostic Advantages...



- **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 off 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



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

[*Famyhessea vaginiae* (*Atopobium vaginiae*), BVAB1, BVAB2, BVAB3, *Bacteroides fragilis*, *Bifidobacterium breve*, *Megasphaera* Type 1 & 2, *Gardnerella vaginalis*, *Mobiluncus curtisi*, *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)

PREGNANCY

- Group B Streptococcus (GBS)
- Group B Streptococcus (GBS) Antibiotic Resistance
- *Gleimia europaea* (*Actinomyces europaeus*)
- *Actinomyces israelii*
- *Schaalii* (*Actinomyces*) *turicensis*
- *Bacteroides fragilis*
- *Bacteroides ureolyticus*
- Fluconazole resistance by X-Plate Technology®:
 - *Candida albicans*
 - *Candida glabrata*
 - *Candida dubliniensis*
 - *Candida kefyr*
 - *Candida lusitaniae*
 - Cytomegalovirus (CMV)
 - *Eggerthella* species
 - *Enterobacter cloacae*
 - Group A Streptococcus
 - *Klebsiella oxytoca*
 - *Klebsiella pneumoniae*
 - Lymphogranuloma venereum (LGV)
 - *Mobiluncus mulieris* & *Mobiluncus curtisi*
 - 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
- Sickle Cell Anemia by Sanger Sequencing

* Reflex to antibiotic resistance by Molecular Analysis
♦ Reflex to metronidazole resistance

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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