

Molecular Diagnostic Testing for the Whole Family



OneSwab®

One vial...over 90 pathogens

- Bacterial Vaginosis Panel with Lactobacillus Profiling
- Candida Vaginitis Panel with Fluconazole resistance
- Aerobic Vaginitis Panel
- Leukorrhea Panel with antimicrobial resistance
- Genital Ulcer Panel / Varicella Zoster virus
- HPV type detect
- Ureaplasma & Mycoplasma Panel
- SSTI testing by PCR including MRSA and CA-MRSA
- Intestinal pathogen detection



UroSwab®

Simple, Convenient & Noninvasive
One vial...over 40 pathogens

- Urinary Pathogens Antibiotic Resistance Panel
- Urogenital Candidiasis Panel
- Urogenital Mycoplasma and Ureaplasma Panel
- Sexually Transmitted Infections (STI) testing for both males and females
- Leukorrhea Panel with antibiotic resistance testing
- *Mycoplasma genitalium* with antibiotic resistance testing



NasoSwab®

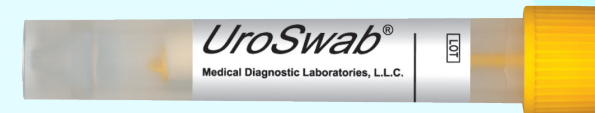
Simple & Convenient
One vial...over 40 pathogens

- *Bordetella pertussis* with rapid 24 - 72 hour turnaround time
- RSV A & RSV B
- Influenza A & Influenza B
- Adenovirus
- Parainfluenza 1-4
- MRSA and Community-acquired MRSA



OneSwab®

- Convenient collection method.
- Cervicovaginal collection in females.
- Wound and lesion sampling for males, females, and children.
- Skin and Soft Tissue Infections (SSTI) testing as well as antibiotic resistance testing.
- Intestinal pathogen testing on loose stool or rectal swabs.



UroSwab®

- Urine collection for both males and females.
- Urinary Tract Infection (UTI) testing as well as antibiotic resistance testing.
- Sexually Transmitted Infection (STI) testing including antibiotic resistance testing at no additional charge.



NasoSwab®

- Dedicated pediatric sized flocked swab anatomically engineered to contour to the mid-turbinate area.
- Additional flocked swab provided for adult sample collection.
- Less invasive than traditional nasal lavage

Now available...

Molecular Diagnostic Testing for the Whole Family



- One vial, multiple pathogens
- 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

Medical Diagnostic Laboratories

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(Female – cervical, vaginal, rectal, lesion) (male – lesion, urethral)

182 Aerobic Vaginitis Panel by Real-Time PCR

- 127 Group B Streptococcus (GBS)
- 184 *Staphylococcus aureus*
- 153 *Enterococcus faecalis*
- 141 *Escherichia coli*

759 Bacterial Vaginosis (BV) Panel with Lactobacillus Profiling by qPCR

(*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*)

560 Candida Vaginitis Panel by Real-Time PCR

- 551 *Candida albicans*
- 559 *Candida glabrata*
- 566 *Candida krusei*
- 558 *Candida parapsilosis*
- 557 *Candida tropicalis*

115 Genital Ulcer Disease Panel by Real-Time PCR

- 122 *Haemophilus ducreyi*
- 126 Herpes subtype (HSV-1, HSV-2)
- 110 *Treponema pallidum* (syphilis)

121 Leukorrhea Panel by Real-Time PCR

- 167 *Neisseria gonorrhoeae* (*Reflex to antibiotic resistance by Molecular Analysis)
- 105 *Chlamydia trachomatis* (*Reflex to antibiotic resistance by Molecular Analysis)
- 111 *Trichomonas vaginalis* (Reflex to Metronidazole Resistance)
- 129 *Mycoplasma genitalium* (Reflex to azithromycin & fluoroquinolone resistance)

109 N. gonorrhoeae* and C. trachomatis* by Real-Time PCR

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

(Wound Site)

366 Skin & Soft Tissue Infections (SSTI) Panel by Real-Time PCR

- 125 *Bacteroides fragilis*
- 153 *Enterococcus faecalis*
- 141 *Escherichia coli*
- 1112 Group A Streptococcus
- 127 Group B Streptococcus (GBS)
- 727 *Klebsiella oxytoca*
- 728 *Klebsiella pneumoniae*
- 362 *Prevotella* species Group 1 (*P. bivia*, *P. disiens*, *P. intermedia*, *P. melaninogenica*)
- 363 *Prevotella* species Group 2 (*P. corporis*, *P. albensis*)
- 146 *Proteus mirabilis*
- 174 *Pseudomonas aeruginosa*
- 1118 *Staphylococcus aureus* with methicillin resistance (MRSA) by Conventional PCR
- 1119 Panton-Valentine Leukocidin (PVL) DNA (Type IV + #1118 Req.) [Community-Associated MRSA = Type IV MRSA+ and PVL+]

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SSTI Panel Antibiotic Resistance

[*Enterococcus faecalis*, *E. coli*, GAS, GBS, *K. pneumoniae*, *K. oxytoca*, *P. mirabilis*, *P. aeruginosa*, CA-MRSA: amoxicillin-clavulanic acid, ampicillin (for *E. faecalis*), cephalothin (cephalexin), clindamycin, doxycycline, trimethoprim-sulfamethoxazole, ciprofloxacin, cefepime, piperacillin-tazobactam, imipenem, gentamicin] (153, 141, 1112, 127, 727, 728, 146, 174, or 1118 Req)

Intestinal Pathogens

(Loose Stool; Fecal Material)

- 365 *Campylobacter jejuni*
- 162 *Clostridium difficile* (Toxins A and B)
- 153 *Enterococcus faecalis* (Reflex to vancomycin-resistant vanA & vanB)
- 154 *Enterococcus faecium* (Reflex to vancomycin-resistant vanA & vanB)
- 168 Enteropathogenic *Escherichia coli* (O157:H7)
- 274 Human Rotavirus A
- 310 *H. pylori*
- 160 Salmonella
- 161 Shigella



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Sexually Transmitted Infections

Applicable for adolescent females who are not candidates for pelvic exams.

121 Leukorrhea Panel by Real-Time PCR

- 167 *Neisseria gonorrhoeae* (*Reflex to antibiotic resistance by Molecular Analysis)
- 105 *Chlamydia trachomatis* (*Reflex to antibiotic resistance by Molecular Analysis)
- 111 *Trichomonas vaginalis* (Reflex to Metronidazole Resistance)
- 129 *Mycoplasma genitalium* (Reflex to azithromycin & fluoroquinolone resistance)

109 N. gonorrhoeae* and C. trachomatis* by Real-Time PCR

URINARY TRACT INFECTIONS

6214 Expanded UTI & AST Panel

- 153 *Enterococcus faecalis*
- 154 *Enterococcus faecium*
- 141 *Escherichia coli*
- 127 Group B Streptococcus (GBS)
- 727 *Klebsiella oxytoca*
- 728 *Klebsiella pneumoniae*
- 146 *Proteus mirabilis*
- 174 *Pseudomonas aeruginosa*
- 151 *Staphylococcus saprophyticus*

Urinary Pathogens Antibiotic Resistance [*E. coli*, *K. oxytoca*, *K. pneumoniae*, *P. mirabilis*: amoxicillin-clavulanic acid, cephalothin (cephalexin), trimethoprim-sulfamethoxazole, nitrofurantoin, ciprofloxacin, fosfomycin. *Enterococcus faecalis*, *Enterococcus faecium*: ampicillin, nitrofurantoin, ciprofloxacin, fosfomycin, doxycycline, linezolid] ******(141, 153, 154, 727, 728, or 146 Req.)



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222 Adenovirus by Real-Time PCR

- 1101 *Bordetella parapertussis* by Real-Time PCR
- 1102 *Bordetella pertussis* by Real-Time PCR
- 319 *Chlamydia pneumoniae* by Real-Time PCR
- 1112 Group A Streptococcus by Real-Time PCR
- 1117 *Haemophilus influenzae* by Real-Time PCR
- 1107 Influenza B virus by Real-Time PCR
- 336 *Mycoplasma pneumoniae* by Real-Time PCR
- 1110 Parainfluenza viruses 1-4 by Real-Time PCR
- 1103 Respiratory Syncytial Virus A (RSV A) by Real-Time PCR
- 1104 Respiratory Syncytial Virus B (RSV B) by Real-Time PCR
- 1116 RSV A & RSV B by Multiplex Real-Time PCR by Real-Time PCR
- 1118 *Staphylococcus aureus* with methicillin resistance (MRSA) by conventional PCR
- 1119 Panton-Valentine Leukocidin (PVL) DNA ****** (Type IV + #1118 Req.) [Community Associated MRSA = Type IV MRSA+ and PVL+]
- 1111 *Streptococcus pneumoniae* by Real-Time PCR