

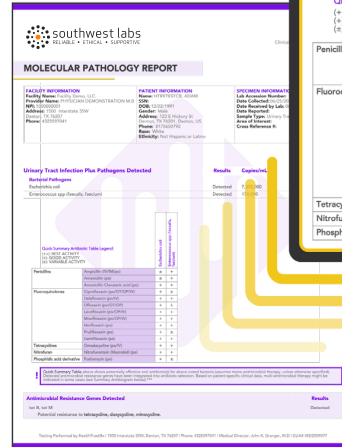


ANTIMICROBIAL RESISTANCE (AMR) SOLUTIONS

Southwest Labs provides proprietary solutions to Antimicrobial Resistance.

Our patient specific Antibigram removes guesswork by detecting antibiotic resistant genes, providing patients effective information for optimal treatment outcomes, saving costs, and mitigating risks.

- **Antimicrobial Resistance:** Southwest Labs is addressing the antibiotic resistance public health crisis through developing advancements in PCR technology and implementing innovative solutions for our clients that help you treat patients fast, and accurately.
- **Antibiotic Stewardship:** We support antibiotic stewardship by reducing over utilization of broad-spectrum antibiotics, providing guidance that reduces unnecessary drug exposure and cost of repeat testing.



GENITO/STI

Acinetobacter baumannii
Actinomyces israelii
Atopobium vaginae
Bacteroides fragilis
 BVAB 2, 3 (bacterial vaginosis associated bacteria 2, 3);
Mobiluncus spp.
Candida albicans, glabrata, parapsilosis, tropicalis
Chlamydia trachomatis

SAMPLE TYPE: Urine Swab, Prostatic Fluid, Penile Swab, Anorectal Swab, Vaginal Swab, Pelvic Abscess Material, Endometrial Sampling, Cervical Brushing, Genital Region Ulcer Swab, Endocervical Brushing, Urethral Swab

Citrobacter freundii
 Cytomegalovirus (CMV, Human Herpesvirus-5)
Enterobacter aerogenes, cloacae
Enterococcus faecalis, faecium
Escherichia coli
Gardnerella vaginalis
Haemophilus ducreyi
 Herpes simplex virus 1 & 2¹
 High Risk HPV Types 16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56,

58, 59, 66, 67, 68, 69, 70, 73, 82
Klebsiella (Calymmatobacterium) granulomatis
Klebsiella pneumoniae, oxytoca
Megasphaera (Types 1, 2)
Morganella morganii
Mycoplasma genitalium, hominis
Neisseria gonorrhoeae
Peptostreptococcus anaerobius, asaccharolyticus, magnus, prevotii
Proteus mirabilis, vulgaris

Pseudomonas aeruginosa
Serratia marcescens
Staphylococcus aureus
*Staphylococcus spp.*²
*Streptococcus agalactiae*³
*Streptococcus pyogenes*⁴
Treponema pallidum
Trichomonas vaginalis
Ureaplasma urealyticum, parvum

ANTIBIOTIC RESISTANCE GENES

VanA, VanB⁵
 ermB, C, mefA⁶
 SHV, KPC Groups⁷
 dfr (A1, A5), sul (1, 2)
 mecA⁸

qnrA1, qnrA2, qnrB2⁹
 tet B, tet M¹⁰
 IMP, NDM, VIM Groups¹¹
 ACT, MIR, FOX, ACC Groups¹²
 OXA-48, -51¹³

CTX-M1 (15), M2 (2), M9 (9), M8/25 Groups¹⁴

NOT TYPICALLY DETECTED BY CULTURE

- FUNGAL
- ANAEROBE
- SLOW GROWING
- STREPTOCOCCUS SPECIES
- NOT TYPICALLY TESTED BY CULTURE

PRACTICE WORKFLOW SOLUTIONS

- SimpliSWAB™ is a proprietary collection medium, that simplifies the collection process and features one-vial collection, regardless of the pathogen.
- Coordinated courier services are available, including FedEx, UPS or local courier.
- Clinically actionable reports delivered in an easy-to-read format, within 48 hours of sample receipt.
- In-network lab for most major medical insurance payors, Medicaid and Medicare.
- Integrates easily with EMR systems online via our Client Web Portal.

¹HSV-1, HSV-2

²Coagulase negative species: *S. epidermidis*, *S. haemolyticus*, *S. lugdunensis*, *S. saprophyticus*

³Group B Strep (GBS)

⁴Group A Strep

⁵Vancomycin

⁶Macrolide, Lincosamide, Streptogramin

⁷Class A beta-lactamase

⁸Trimethoprim/Sulfamethoxazole

⁹Methicillin

¹⁰Fluoroquinolone

¹¹Tetracycline

¹²Class B metallo-beta-lactamase