



WOUND PATHOGENS

SAMPLE TYPE: Wound Swab, Joint Aspiration, Wound Tissue

BACTERIAL/VIRAL:

- Acinetobacter baumannii
- Bacteroides fragilis, vulgatus
- Burkholderia cepacia, pseudomallei
- Citrobacter freundii
- Clostridium perfringens, novyi, septicum
- Corynebacterium jeikeium, striatum, tuberculostearicum
- Cutibacterium (Propionibacterium) acnes
- Enterobacter aerogenes, cloacae
- Enterococcus faecalis, faecium
- Escherichia coli
- Finegoldia magna
- Haemophilus influenzae
- Herpes simplex virus 1, 2
- Klebsiella pneumoniae, oxytoca
- Mycobacterium abscessus, chelonae, fortuitum
- Mycobacterium avium-intracellulare, kansasii
- Mycobacterium marinum, ulcerans
- Mycoplasma genitalium, hominis
- Peptostreptococcus anaerobius, asaccharolyticus, magnus, prevotii
- Proteus mirabilis, vulgaris
- Pseudomonas aeruginosa
- Salmonella enterica
- Serratia marcescens
- Staphylococcus aureus
- Staphylococcus epidermidis, haemolyticus, lugdunensis, saprophyticus
- Stenotrophomonas maltophilia
- Streptococcus agalactiae
- Streptococcus pneumoniae
- Streptococcus pyogenes
- Varicella zoster virus
- Vibrio cholerae, parahaemolyticus, vulnificus

FUNGAL:

- Aspergillus flavus, fumigatus, niger, terreus
- Blastomyces dermatitidis
- Candida albicans, glabrata, parapsilosis, tropicalis
- Epidermophyton floccosum
- Fusarium oxysporum, solani
- Malassezia furfur, restricta, sympodialis, globosa
- Microsporium audouinii, canis, gypseum
- Sporothrix schenckii
- Trichophyton mentagrophytes/interdigitale, rubrum, soudanense, terrestre, tonsurans, verrucosum, violaceum
- Trichosporon mucoides, asahii

All antibiotic resistance genes:

- ACT, MIR, FOX, ACC Groups
- CTX-M1 (15), M2 (2), M9 (9), M8/25 Groups
- dfr (A1, A5), sul (1, 2)
- ermB, C; mefA
- IMP, NDM, VIM Groups
- mecA
- OXA-48, OXA-51
- qnrA1, A2, B2
- SHV, KPC Groups
- tet B, tet M
- VanA, VanB

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.

ANTIMICROBIAL RESISTANCE (AMR) SOLUTIONS

Southwest Labs provides proprietary solutions to Antimicrobial Resistance.

Our patient specific Antibiogram 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.

