Clarity® LAB SOLUTIONS

WOUND INFECTION & TREATMENT TESTING

Comprehensive Wound Pathogen Testing Designed in Collaboration with Physicians, Pharmacists, and Microbiologists

- ✓ Simultaneously Identifies 39 Bacterial and Fungal Pathogens from a Single Swab
- ✓ Ability to Report Polymicrobial Treatment Guidance Using Our Proprietary Antimicrobial Susceptibility Methods
- ✓ Results Provided Within a 24-36 Hour Window – Both Identification and Susceptibility
- ✓ Supports Better Patient Outcomes and Satisfaction

Provides Tools to Help Guide Treatment

- Clarity Wound testing uses advanced biofilm diagnostic methods that allow for complex pathogen identification and result in improved wound healing rates.
- A menu of 24 phenotypic antibiotics and four genotypic resistance genes are used to determine the best and the most effective method of treatment for patients.
- Clarity Wound testing promotes antibiotic stewardship by helping reduce antibiotic resistance and decreasing the spread of infections that are caused by multi-drug resistant organisms.

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We Support Better Outcomes™
www.claritylabsolutions.com

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SUPERIOR SENSITIVITY VS. TRADITIONAL METHODS

- Clarity Lab Solutions uses the most advanced pathogen detection methods — changing the gold standard in wound cultures.
- Traditional culture may take up to 6 weeks to report fungal pathogens while the Clarity Lab Solutions Wound testing can detect fungus immediately.
- Our wound testing methods allow identification of pathogens and sensitivity much faster than traditional microbiology, allowing the physician to begin early treatment with the correct antibiotic.

Test Menu

Class	Pathogen Targets	Resistance Genes
GRAM NEGATIVE	Escherichia coli	Methicillin
GRAM NEGATIVE	Acinetobacter baumannii	Carbapenemase
GRAM NEGATIVE	Morganella morganii	Vancomycin
GRAM NEGATIVE	Klebsiella oxytoca	Colistin
GRAM NEGATIVE	Citrobacter freundii	**Antibiotic Menu**
GRAM NEGATIVE	Klebsiella pneumoniae	Amikacin
GRAM NEGATIVE	Proteus mirabilis	Ampicillin
GRAM NEGATIVE	Enterobacter cloacae	Cefazolin
GRAM NEGATIVE	Pseudomonas aeruginosa	Cefepime
GRAM NEGATIVE	Serratia marcescens	Cefoxitin
GRAM NEGATIVE	Stenotrophomonas maltophilia	Ceftazidime
GRAM NEGATIVE	Pasteurella canis	Ceftriaxone
GRAM NEGATIVE	Bacteriodes fragilis	Ciprofloxacin
GRAM NEGATIVE	Bartonella hensellae	Clindamycin
GRAM POSITIVE	Staphyloccus aureus	Ertapenem
GRAM POSITIVE	Staphylococcus lugdunensis	Erythromycin
GRAM POSITIVE	**Coagulase Negative Staphyloccus:** Staphylococcus haemolyticus, Staphylococcus epidermidis, Staphylococcus saprophyticus*	Gentamicin
GRAM POSITIVE	Enterococcus faecium	Imipenem
GRAM POSITIVE	Enterococcus faecalis	Levofloxacin
GRAM POSITIVE	Streptococcus pyogenes	Linezolid
GRAM POSITIVE	Streptococcus agalactiae (group B)	Meropenem
GRAM POSITIVE	**Clostridium Species:** Clostridium perfringens, Clostridium septicum, Clostridium tetani*	Moxifloxacin
ACID FAST BACILLI	Mycobacteroides abscessus subsp. Bolletii	Oxacillin
ACID FAST BACILLI	Mycobacterium abscesus	Penicillin G
ACID FAST BACILLI	Non tubercular mycobacteria	Piperacillin/Tazobactam
MULTIDRUG RESISTANT FUNGI	Candida auris	Rifampim Tetracycline
FUNGI	Candida albicans	Trimeth/Sulfa
FUNGI	C. krusei, C. parapsilosis*	Aztreonam
FUNGI	C. tropicalis, C. glabrata*	
FUNGI/MOLD	Cladosporium species	
FUNGI	Trichophyton rubrum, Trichophyton mentagrophyte, Trichophyton tonsurans*	

* Pooled Pathogens

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