

ENT INFECTION AND TREATMENT TESTING



Comprehensive PCR Testing and Antibiotic Menu Designed in
Collaboration with Physicians, Pharmacists, and Microbiologists

- ✓ Simultaneously Identifies 48 Bacterial and Fungal Targets 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 Lab Solutions uses the most advanced detection methods so you can target even more ENT pathogens at once.
- A menu of 24 phenotypic antibiotics and three genotypic resistance genes are used to determine the best and the most effective method of treatment for patients.
- Clarity ENT testing has the ability to detect and provide treatment guidance for biofilm infections.

CLARITY CUSTOM ENT TESTING

Bacterial Targets	Antimicrobial Agents	Route(s) of Administration		
		PO	IM	IV
Acinetobacter baumannii	Amikacin		✓	✓
Aeromonas hydrophila/A.culicicola/A.caviae	Amoxicillin-clavulanate	✓		
Alloiococcus otitis	Ampicillin	✓	✓	✓
Bacteroidis fragilis	Aztreonam			✓
Citrobacter freundii/ Citrobacter braakii/ Citrobacter koseri	Cefazolin		✓	✓
Corynebacterium amycolatum	Cefepime		✓	✓
Enterobacter cloacae	Cefoxitin		✓	✓
Enterococcus faecalis	Ceftazidime		✓	✓
Enterococcus faecium	Ceftriaxone		✓	✓
Escherichia coli	Ciprofloxacin	✓		✓
Haemophilus influenzae	Clindamycin	✓	✓	✓
Klebsiella aerogenes*	Erythromycin	✓		✓
Klebsiella oxytoca/ Klebsiella pneumoniae	Gentamicin		✓	✓
Moraxella catarrhalis	Imipenem			✓
Moraxella lacunata	Levofloxacin	✓		✓
Peptostreptococcus micros/ P.prevotii/ Anaerococcus tetradius	Linezolid	✓		✓
Prevotella bivia	Meropenem			✓
Propionibacterium acnes (Cutibacterium acnes)	Moxifloxacin	✓		✓
Serratia marcescens	Penicillin G		✓	✓
Staphylococcus species (lugdunensis, epidermidis, haemolyticus)	Piperacillin-tazobactam			✓
Staphylococcus aureus	Rifampin	✓		✓
Stenotrophomonas maltophilia	Tetracycline	✓		✓
Streptococcus agalactiae (group B)	Tobramycin		✓	✓
Streptococcus pneumoniae	Trimethoprim-Sulfamethoxazole	✓		✓
Streptococcus pyogenes				
Vibrio alginolyticus, mimicus, fluvialis				

Fungal Targets	Resistance Genes
Candida albicans	KPC (Carbapenemase Resistance)
Candida auris	mec A (Methicillin Resistance)
Candida parapsilosis/Candida krusei	Vanc A (Vancomycin resistance)
Candida tropicalis/ glabrata	
Aspergillus fumigatus/ A. niger/A. terreus/ A. flavus	
Pneumocystis jirovecii	

* Also called Enterobacter aerogenes