



Patient:	Specimen: L ETHMOID	Physician: Citardi, Martin
DOB:	Received: MM/DD/YYYY 0:00PM	Phone: (000)000-0000
Patient ID:	Completed: MM/DD/YYYY	Fax: (000)000-0000
Gender:	Accession: 123456	Collected: MM/DD/YYYY 0:00 PM

Comprehensive Identification (Sequencing Results)

Rapid Screening Swab Results	Amount (N/A)	Comprehensive Identification (Sequencing Results)
Bacterial Load	Med	Detected Bacteria: Achromobacter xylosoxidans 85% Corynebacterium tuberculostearicum 13% Detected Fungi: Aspergillus peyronelii Curvularia affinis Cochliobolus lunatus
Haemophilus influenzae Moraxella catarrhalis Streptococcus pneumoniae Streptococcus pyogenes Streptococcus agalactiae Candida albicans Pseudomonas aeruginosa Staphylococcus aureus Resistance Genes Detected None Resistance Genes Not Detected Vancomycin Methicillin Beta-lactam Carbapenem Macrolide Aminoglycoside Tetracycline	Not Detected Not Detected Not Detected Not Detected Not Detected Not Detected Not Detected Not Detected	

Only relative Rapid Screening Quantitation is obtainable from swab samples.

Complete Antibiotic Analysis [Next Page(s)]

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DISCLAIMER: (i) This test was developed and performance characteristics have been determined by Southwest Regional PCR, DBA MicroGen Diagnostics, LLC. It has not been cleared or approved by the U.S. Food and Drug Administration (FDA), however, the FDA has determined that such clearance or approval is not necessary. This test is used for clinical purposes. Its use should not be regarded as investigational or for research. This laboratory is certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA 88) as qualified to perform high complexity clinical laboratory testing. (ii) A negative result does not rule out the presence of PCR inhibitors, or DNA extraction inhibitors such as lidocaine, in patients specimens or microbial DNA concentrations below the level of detection of the assay. (iii) This test is performed pursuant to an agreement with Roche Molecular Systems, Inc. (iv) Relative quantitation of swabs refers to analyte load levels of 10^5, 10^6, and 10^7 for low, medium and high respectively.

Laboratory Director: Owatha Tatum PhD, HCLD/CC(ABB), MBA

Class	Generic	Topical	PO	IV	Gram	N	-	+	U	N	90	85	13	6	3					
																Resp	Ae	FAn	Unk	Unk
anti-fungal allylamine	terbinafine hcl		✓	✓		✓				✓										
anti-fungal azole	itraconazole		✓			✓				✓										
	voriconazole	✓	✓			✓														
	ketoconazole		✓	✓						✓										
anti-fungal echinocandin	micafungin	✓				✓														
anti-fungal polyene	amphotericin b	✓				✓			✓	✓										
amino penicillins	ampicillin	✓	✓				✓													
Aminoglycoside	amikacin	✓		✓			✓													
anti-psuedomonal penicillins	piperacillin/tazobactam	✓		✓			✓													
Carbapenem	doripenem	✓					✓													
fluorquinolones	ciprofloxacin (Cipro)	✓	✓	✓			✓													
Polymyxin antibiotic	colistimethate (colistin)	✓		✓			✓													
Glycopeptide	vancomycin	✓		✓				✓												
Macrolide	erythromycin	✓	✓	✓				✓												
Oxazolidine	linezolid	✓	✓	✓				✓												
penicillins	penicillin g	✓						✓												
Tetracycline	doxycycline	✓	✓	✓				✓												

Gram Stain
+: Positive, -: Negative, I: Indeterminate, N: not applicable U: Unknown
Respiration
Ae: Aerobic, An: Anaerobic, FAn: Facultative anaerobic, Unk: Unknown
* Resistance genes found. Consultation with a pharmacist on an appropriate course of treatment with recommendations made at the discretion of the physician based on known interaction and concentrations is recommended.