

CLINIC INFORMATION

Name: Test Clinic
 Address: 123 Somewhere ST
 Tifton, GA 31793

Fax:
 Provider: Luminus Diagnostics

PATIENT INFORMATION

Name: Jane Doe
 DOB: 05/05/1979
 Gender: F
 ID:

SPECIMEN INFORMATION

Requisition Number:
 Lab Accession Number: 9/18/2018
 Date Collected:
 Date Received by Lab: 9/20/2018 11:33
 Date Reported: 9/20/2018

Test Performed	Lab Result(4) (Qualitative)	Assay Cutoff	Comments
Wound Pathogens			
A. baumannii	Not Detected	160	
C. freundii/braakii	Not Detected	264.4	
E. aerogenes	Not Detected	225.9	
E. cloacae	Not Detected	93.3	
E. faecalis	Not Detected	15.8	
E. faecium	Not Detected	14.2	
E. coli	Not Detected	2112.5	
K. oxytoca	Not Detected	263.4	
K. pneumoniae	Not Detected	1037.5	
Morganella morganii	Not Detected	37.5	
Proteus mirabilis	Not Detected	48.9	
Pseudomonas aeruginosa	Not Detected	119.8	
Staphylococcus aureus	DETECTED	27.9	
mecA	DETECTED	340.6	
S. pyogenes	Not Detected	21543.8	

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Lab Director: Maggy Hopkins, MD

*This test detects the presence of pathogen and must be evaluated with clinical symptoms to diagnose disease.
 All test established and validated by Laboratory and not FDA approved. Standards for validation exceed FDA requirements.

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Class (Gene Name)	Lab Result (Qualitative)	Resistance Gene Targets Identified	Associated Resistances (Antibiotics to Avoid)
ABX Resistance Markers			
Class A Beta-lactamase (CTX-M-Group 1)	Not Detected	blaCTX-M-1,3,10,12,15,22,23,28, blaFEC-1	cephalosporins, penicillins, aztreonam
Class A Beta-lactamase (blaKPC)	Not Detected	KPC-2-8,10,11,13-22,24-33	carbapenems, cephalosporins, penicillins, lactamase inhibitors, aztreonam
Class B metallo Beta-lactamase (blaNDM)	Not Detected	NDM (1-21)	carbapenems, cephalosporins, penicillins, lactamase inhibitors
vanA, vanB Vancomycin	Not Detected	vanA, vanB	Vancomycin
mecA	DETECTED	mecA	Methicillin

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