UTI Diagnostic Report

SMA Specialty Medical Lab • 940 Pennsylvania Boulevard Feasterville, PA 19053 • Phone: 215-322-6590 • Fax: 215-322-9524 • Web: http://smalaboratory.com • CLIA #: 39D0987158

• Laboratory Director: Janusz J Godyn, MD, FCAP, FASCP

Name: Doe, Jane Date of Birth: 07/03/1989 Sex: U

Accession: #2223286

Physician: COLLIER, DOC NPI#: 0000000 Practice: BC ATLANTA CARE Date Collected: 10/12/2022 12:42 PM Date Received: 10/14/2022 11:15 AM Date Reported: 10/16/2022 09:56 AM Specimen: URINE CLEAN CATCH Status: Final Report

MOLECULAR MICROBIOLOGY RESULTS

PATHOGEN	RESULTS		
Enterococcus faecalis	Detected		
Streptococcus agalactiae	Detected		
RESISTANCE GENE TESTED	RESULTS	RESISTANCE GENE TESTED	RESULTS
AmpC resistance	Not Detected	Carbapenem resistance	Not Detected
Extended-Spectrum-Betalactamase (ESBL)	Not Detected	Methicillin resistance	Not Detected
Quinolone and fluoroquinolone resistance	Not Detected	Vancomycin resistance	Not Detected

MICROBIOLOGY CULTURE RESULTS

Colony Count 10,000-50,000 cfu/ml (Isolate1)

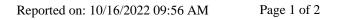
Micro Culture Result Enterococcus faecalis (Isolate 1)

Colony Count 10,000-50,000 cfu/ml (Isolate2)

Micro Culture Result Streptococcus agalactiae (Group B) (Isolate 2)

Sensitivity Analysis	Isol	ate 1	Isola	ate 2
Ampicillin	<=2	S		
Ciprofloxacin	<=1	S		
Daptomycin	4	S	<=1	S
Levofloxacin	<=1	S	<=1	S
Linezolid	<=2	S	<=2	S
Nitrofurantoin	<=32	S		
Penicillin	2	S	<=0.03	S
Rifampin	2	I		
Tetracycline	<=4	S		
Vancomycin	1	S		

S=Sensitive POS=Positive I=Intermediate NEG=Negative R=Resistant MIC= mcg/ml (mg/mL) N/R=Not Reported S*=Predicted susceptible interpretation R*=Predicted resistant interpretation Blac=Beta-lactamase positive







ASSAYS TESTED BY SMA SPECIALTY MEDICAL LAB

Organism/Assay Presence Orga		Organism/Assay	ganism/Assay Presence		Organism/Assay Presence	
A. baumannii	Not Detected	DHA	Not Detected	BIL/LAT/CMY	Not Detected	
C. albicans	Not Detected	C. glabrata	Not Detected	C. tropicalis	Not Detected	
IMP-1 group	Not Detected	VIM	Not Detected	blaOXA-48	Not Detected	
KPC	Not Detected	NDM	Not Detected	C. freundii	Not Detected	
E. cloacae	Not Detected	E. faecalis	Detected	E. faecium	Not Detected	
E. coli	Not Detected	CTX-M group 1	Not Detected	CTX-M group 2	Not Detected	
K. aerogenes	Not Detected	K. oxytoca	Not Detected	K. pneumoniae	Not Detected	
mecA	Not Detected	M. morganii	Not Detected	P. mirabilis	Not Detected	
P. vulgaris	Not Detected	P. stuartii	Not Detected	P. aeruginosa	Not Detected	
QnrA	Not Detected	QnrB	Not Detected	S. marcescens	Not Detected	
S. aureus	Not Detected	S. saprophyticus	Not Detected	S. agalactiae	Detected	
vanB	Not Detected	vanA2	Not Detected	vanA1	Not Detected	
Xeno control	Detected					

In the case that no pathogenic microorganisms are identified by this assay, the presence of antibiotic resistance genes may be attributable to non-pathogenic microorganisms or possible rarely-occurring pathogenic microorganisms that SMA Specialty Medical Lab has not examined in its assay. Clinical correlation is suggested.

Limitation: An absence of detection does not imply the absence of microorganisms other than those listed or does not exclude the possibility that the target sequence is present below the limit of detection. The UTI Diagnostic Report does not take into consideration patient history, drug-drug interactions, drug sensitivity, and/or allergies. It is the responsibility of the physician to determine appropriate drug and dosing choices based on all available data.

Methodology: Array based assays simultaneously detect a wide array of bacteria, viruses, and parasites at analytical sensitivity and specificity >99%.

Disclaimer: These tests were developed, characterized and interpreted by SMA Specialty Medical Lab. The tests in this UTI panel have not been approved by the Food and Drug Administration. The FDA has determined that such approval is not necessary, provided that the laboratory both (1) maintains its good standing as a clinical testing laboratory with all mandatory accrediting bodies, and (2) continually demonstrates that its testing protocols and procedures achieve a high degree of analytical accuracy.

Laboratory Certification: CLIA # 39D0987158

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