

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	Physician: COLLIER, DOC	Date Collected: 10/12/2022 12:42 PM
Date of Birth: 07/03/1989	NPI#: 0000000	Date Received: 10/14/2022 11:15 AM
Sex: U	Practice: BC ATLANTA CARE	Date Reported: 10/16/2022 09:56 AM
Accession: #2223286		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	Isolate 1	Isolate 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

UTI Diagnostic Report



ASSAYS TESTED BY SMA SPECIALTY MEDICAL LAB

Organism/Assay	Presence	Organism/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. morgani	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

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