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CLIA #: 45D2156626 • Laboratory Director: James Davie, MD, PHD

Patient: Doe, Jane
Date of Birth: Jan 01, 1990

NPI #:999999

Accession #: 180600047

1. About This Report

This UTI Assay is a urinary tract infection screen that consists of clinical, molecular tests for microorganisms implicated in UTIs.

2. Molecular Diagnostic Results

Organism	Resistance Marker
A. baumannii	AmpC resistance (DHA)
C. albicans	AmpC resistance (ACC)
C. freundii	AmpC resistance (ampC)
E. aerogenes	AmpC resistance (ACT/MIR)
E. cloacae	Carbapenem resistance (IMP-7)
+ E. coli	Carbapenem resistance (blaOXA-48)
+ E. faecalis	Extended-Spectrum-Betalactamase (CTX-M group 9)
E. faecium	Extended-Spectrum-Betalactamase (GES)
K. oxytoca	Extended-Spectrum-Betalactamase (CTX-M group 2)
K. pneumoniae	Extended-Spectrum-Betalactamase (PER-2)
M. morgani	Extended-Spectrum-Betalactamase (SHV)
P. aeruginosa	+ Extended-Spectrum-Betalactamase (TEM)
P. mirabilis	Extended-Spectrum-Betalactamase (CTX-M group 1)
P. stuartii	inhibition control, exogenous, product number 4308323 (exoIPC)
P. vulgaris	
+ S. agalactiae	Macrolide resistance (ErmA)
S. saprophyticus	Methicillin resistance (mecA)
	Quinolone and fluoroquinolone resistance (QnrB)
	Quinolone and fluoroquinolone resistance (QnrA)
	Vancomycin resistance (vanC1)

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UTI Report

Legend

Guidance

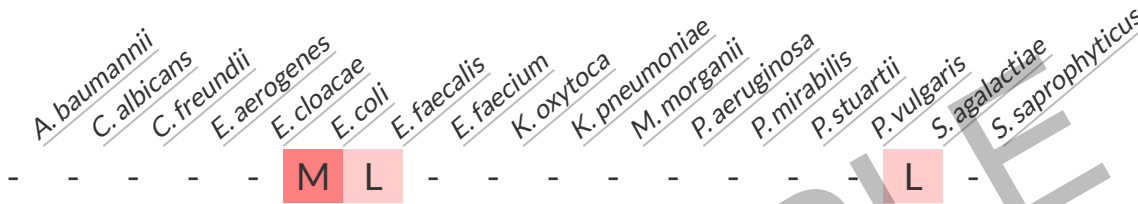
H = High growth of bacteria

M = Moderate growth of bacteria

L = Low growth of bacteria

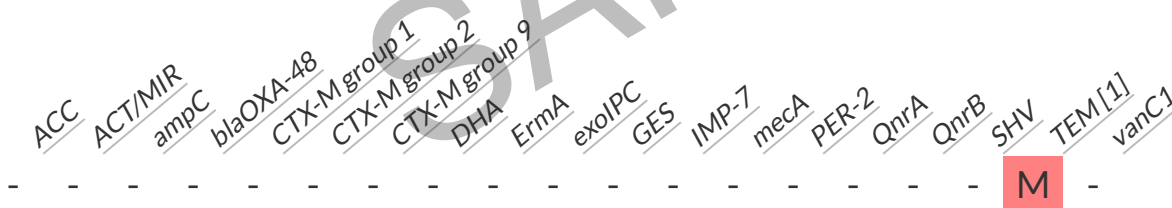
- = No growth of bacteria

Abundance of Assayed Microorganisms



Antibiotic Resistance

Assayed Resistance Markers



1. Extended-Spectrum-Betalactamase

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3. Microorganisms Tested by Promus Diagnostics, LLC

Organism/Assay	ctMean	Presence
<i>A. baumannii</i>	N/A	Not Detected
ACC	N/A	Not Detected
ACT/MIR	N/A	Not Detected
<i>ampC</i>	N/A	Not Detected
<i>blaOXA-48</i>	N/A	Not Detected
<i>C. albicans</i>	N/A	Not Detected
<i>C. freundii</i>	N/A	Not Detected
CTX-M group 1	N/A	Not Detected
CTX-M group 2	N/A	Not Detected
CTX-M group 9	N/A	Not Detected
DHA	N/A	Not Detected
<i>E. aerogenes</i>	N/A	Not Detected
<i>E. cloacae</i>	N/A	Not Detected
<i>E. coli</i>	21.5	Detected
<i>E. faecalis</i>	27.417	Detected
<i>E. faecium</i>	N/A	Not Detected
<i>ErmA</i>	N/A	Not Detected
<i>exolPC</i>	N/A	Not Detected
GES	N/A	Not Detected
IMP-7	N/A	Not Detected
<i>K. oxytoca</i>	N/A	Not Detected
<i>K. pneumoniae</i>	N/A	Not Detected
<i>M. morgani</i>	N/A	Not Detected
<i>mecA</i>	N/A	Not Detected
<i>P. aeruginosa</i>	N/A	Not Detected
<i>P. mirabilis</i>	N/A	Not Detected
<i>P. stuartii</i>	N/A	Not Detected
<i>P. vulgaris</i>	N/A	Not Detected
PER-2	N/A	Not Detected
<i>QnrA</i>	N/A	Not Detected
<i>QnrB</i>	N/A	Not Detected
<i>S. agalactiae</i>	30.617	Detected
<i>S. saprophyticus</i>	N/A	Not Detected
SHV	N/A	Not Detected
TEM	21.159	Detected
(Extended-Spectrum-Betalactamase)		
<i>vanC1</i>	N/A	Not Detected

SAMPLE

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 Report does not take into consideration patient history, drug-drug interaction, 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%.

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Disclaimer: These tests were developed, characterized and interpreted by Promus Diagnostics. The tests in this UTI panel have not been approved by the Federal 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 # 45D2156626

Laboratory Director: James Davie, MD, PHD

SAMPLE

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