

Patient: Testers, Test
Date of Birth: Apr 08, 2021
Sex: Unknown

Physician: Frank Bauer
NPI #:1851416739
Practice: Genesys
Oakdale, CT
Phone: 8605749172

Date Collected: Jun 17, 2021
Date Received: Jun 17, 2021
Specimen type/Source: Urine
Sample ID: 21055188

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

UTI	
-	<i>A. baumannii</i> Negative
-	<i>C. albicans</i> Negative
-	<i>C. freundii</i> Negative
-	<i>E. aerogenes</i> Negative
-	<i>E. cloacae</i> Negative
-	<i>E. coli</i> Negative
-	<i>E. faecalis</i> Negative
-	<i>E. faecium</i> Negative
-	<i>K. oxytoca</i> Negative
-	<i>K. pneumoniae</i> Negative
-	<i>M. morgani</i> Negative
-	<i>P. aeruginosa</i> Negative
-	<i>P. mirabilis</i> Negative
-	<i>P. stuartii</i> Negative
-	<i>P. vulgaris</i> Negative
-	<i>S. agalactiae</i> Negative
-	<i>S. saprophyticus</i> Negative

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Resistance Markers

-	ACC	Negative
-	ACT/MIR	Negative
-	ampC	Negative
-	blaIMP	Negative
-	CTX-M group 1	Negative
-	CTX-M group 8/25	Negative
-	CTX-M group 9	Negative
-	DfrA1	Negative
-	DfrA5	Negative
-	ErmA	Negative
-	ErmB	Negative
-	ErmC	Negative
-	fosA	Negative
-	FOX	Negative
-	gyrA D87N	Negative
-	gyrA S83L	Negative
-	IMP-2 group	Negative
-	KPC	Negative
-	mecA	Negative
-	NDM	Negative
-	OXA-48	Negative
-	QnrA	Negative
-	QnrS	Negative
-	SHV	Negative
-	sul 1	Negative
-	sul 2	Negative
-	TEM	Negative
-	TEM E102K	Negative
-	TEM E237K	Negative
-	TEM G238S	Negative
-	TEM R162S	Negative
-	TetB	Negative
-	tetM	Negative
-	vanA	Negative
-	vanB	Negative
-	VIM	Negative

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3. Microorganisms Tested by Genesys Diagnostics, Inc.

Organism/Assay	Ct Mean	Presence	Organism/Assay	Ct Mean	Presence
<i>A. baumannii</i>		Not Detected	KPC		Not Detected
ACC		Not Detected	<i>M. morgani</i>		Not Detected
ACT/MIR		Not Detected	<i>mecA</i>		Not Detected
<i>ampC</i>		Not Detected	NDM		Not Detected
<i>blaIMP</i>		Not Detected	OXA-48		Not Detected
<i>C. albicans</i>		Not Detected	<i>P. aeruginosa</i>		Not Detected
<i>C. freundii</i>		Not Detected	<i>P. mirabilis</i>		Not Detected
CTX-M group 1		Not Detected	<i>P. stuartii</i>		Not Detected
CTX-M group 8/25		Not Detected	<i>P. vulgaris</i>		Not Detected
CTX-M group 9		Not Detected	<i>QnrA</i>		Not Detected
<i>DfrA1</i>		Not Detected	<i>QnrS</i>		Not Detected
<i>DfrA5</i>		Not Detected	<i>S. agalactiae</i>		Not Detected
<i>E. aerogenes</i>		Not Detected	<i>S. saprophyticus</i>		Not Detected
<i>E. cloacae</i>		Not Detected	SHV		Not Detected
<i>E. coli</i>		Not Detected	<i>sul 1</i>		Not Detected
<i>E. faecalis</i>		Not Detected	<i>sul 2</i>		Not Detected
<i>E. faecium</i>		Not Detected	TEM		Not Detected
<i>ErmA</i>		Not Detected	TEM E102K		Not Detected
<i>ErmB</i>		Not Detected	TEM E237K		Not Detected
<i>ErmC</i>		Not Detected	TEM G238S		Not Detected
<i>fosA</i>		Not Detected	TEM R162S		Not Detected
FOX		Not Detected	<i>TetB</i>		Not Detected
<i>gyrA D87N</i>		Not Detected	<i>tetM</i>		Not Detected
<i>gyrA S83L</i>		Not Detected	<i>vanA</i>		Not Detected
IMP-2 group		Not Detected	<i>vanB</i>		Not Detected
<i>K. oxytoca</i>		Not Detected	VIM		Not Detected
<i>K. pneumoniae</i>		Not Detected			

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 and characterized by Genesys Diagnostics, Inc. and interpreted by Coriell Life Sciences, 4747 South Broad Street, Building 101, Suite 222, Philadelphia, PA 19112. 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 # 07D2046796

Laboratory Director: Dr. Frank Bauer

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