



Patient Name Example, UTI			Date of Birth 10/10/1983	Gender M	Ordering Physician	Client ID Demo Location 1 200 Medical Drive Carmel, IN 46032
Specimen ID 100446 (Swab)	Req Number N/A	Collected Date 1/3/2022 11:11:55 AM	Received Date		Reported Date 5/6/2022 2:06:15 PM	

UTI Panel			
Pathogen Detected	Type of Organism	Suggested Treatment	Estimated Microbial Load
Candida glabrata	Yeast	Antifungal treatment	High

Notes: The estimated microbial load is the approximate copies of the target nucleic acid present in the sample (copies/mL). High (>1,000,000 copies/mL), Moderate (500,000 - 1,000,000 copies/mL), and Low (<200,000 - 500,000 copies/mL).

Information for suggested treatment is obtained from multiple sources, including John Hopkins antibiotic guide. CARD/Comprehensive AR Database, Sanford Antibiotic Guide, and other medical literature sources. This information should be used as general guidelines only and should not replace clinical judgment.

Microbial Load	Copies/mL Urine
High	> 1,000,000
Moderate	500,000-1,000,000
Low	100,000 - 500,000

ABR Panel	
Antibiotic Resistance Marker(s)/Gene(s) Detected	Possible Ineffective Antibiotics
nsfA (Nitroreductase)	Nitrofurantoin
TEM	Monobactam (Azteonam), Cephalosporin (Cefixime, Cefuroxime), Ampicillin, Carbapenem (Doripenem, Imipenem)

Notes: Antibiotic resistance results listed do not exclude the presence of additional gene resistance mechanisms which are not covered by the panel that may affect the antimicrobial therapy suggested.

Microbial Load	Copies/mL Urine
High	> 1,000,000
Moderate	500,000-1,000,000
Low	100,000 - 500,000



Patient Name Example, UTI			Date of Birth 10/10/1983	Gender M	Ordering Physician	Client ID Demo Location 1 200 Medical Drive Carmel, IN 46032
Specimen ID 100446 (Swab)	Req Number N/A	Collected Date 1/3/2022 11:11:55 AM	Received Date		Reported Date 5/6/2022 2:06:15 PM	

ABR Panel	
Antibiotic Resistance Marker(s)/Gene(s) Not Detected	Result
ACC	Not Detected
AmpC	Not Detected
CMY2	Not Detected
CMY9	Not Detected
DHA beta-lactamase	Not Detected
ESBL_PER1_PER2	Not Detected
ESBL1	Not Detected
FOX	Not Detected
IMP	Not Detected
KPC-CarbA	Not Detected
mecA	Not Detected
OXA	Not Detected
OXA_GES Combo_1	Not Detected
qnrA/qnrS	Not Detected
SHV	Not Detected
sul (1)/sul(2)	Not Detected
Sulfonamide_dfrA1/A5	Not Detected
Vancomycin Combo	Not Detected
VEB	Not Detected
VIM-CarbB	Not Detected

UTI Panel		
Pathogens Not Detected	Type of Organism	Result
Acinetobacter baumannii	Gram-Negative	Not Detected
Actinotiglum schaalii	Gram-Positive	Not Detected
Aerococcus urinae	Gram-Positive	Not Detected
Alloscardovia omnicolens	Gram-Positive	Not Detected
Candida albicans	Yeast	Not Detected
Candida auris	Yeast	Not Detected
Candida parapsilosis	Yeast	Not Detected
Citrobacter freundii	Gram-Negative	Not Detected
Citrobacter koseri	Gram-Negative	Not Detected
Coagulase-negative staphylococci	Gram-Positive	Not Detected
Corynebacterium riegellii	Gram-Positive	Not Detected
Enterobacter aerogenes	Gram-Negative	Not Detected
Enterobacter cloacae	Gram-Negative	Not Detected



Patient Name Example, UTI			Date of Birth 10/10/1983	Gender M	Ordering Physician	Client ID Demo Location 1 200 Medical Drive Carmel, IN 46032
Specimen ID	Req Number	Collected Date	Received Date		Reported Date	
100446 (Swab)	N/A	1/3/2022 11:11:55 AM			5/6/2022 2:06:15 PM	
Enterococcus faecalis		Gram-Positive			Not Detected	
Enterococcus faecium		Gram-Positive			Not Detected	
Escherichia coli		Gram-Negative			Not Detected	
Klebsiella oxytoca		Gram-Negative			Not Detected	
Klebsiella pneumoniae		Gram-Negative			Not Detected	
Morganella morganii		Gram-Negative			Not Detected	
Mycoplasma hominis		Gram-Negative			Not Detected	
Pantoea agglomerans		Gram-Negative			Not Detected	
Proteus mirabilis		Gram-Negative			Not Detected	
Proteus vulgaris		Gram-Negative			Not Detected	
Providencia stuartii		Gram-Negative			Not Detected	
Pseudomonas aeruginosa		Gram-Negative			Not Detected	
Serratia marcescens		Gram-Negative			Not Detected	
Staphylococcus aureus		Gram-Positive			Not Detected	
Streptococcus agalactiae		Gram-Positive			Not Detected	
Ureaplasma urealyticum		Gram-Negative			Not Detected	
Viridans Group Strep		Gram-Positive			Not Detected	

Notes:

This test has been validated according to the FDA guidelines. Demo Laboratory, LLC is certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA), 42 U.S.C. section 263a, to perform high complexity tests CLIA#123456789. This test has not been Food and Drug Administration (FDA) cleared or approved.

Processing and Detection Methodology: DNA/RNA extraction from the urine sample was performed. Reverse transcriptase polymerase chain reaction (TaqMan qPCR) was utilized for detection.

*The estimated microbial load is the approximate copies of target nucleic acid, present in the original sample (copies/mL), categorized as follows: HIGH (>1 million copies/ml), MODERATE (500,000-1 million copies/mL), and LOW (100,000-500,000 copies/mL). Levels less than low are generally not reported unless deemed potentially significant (loads at this level generally represent normal flora/contaminants).

Disclaimer:

Demo Laboratory,UTI Real-Time RT-PCR test is a lab developed test (LDT), Demo Laboratory, Anytown, Texas, CLIA # 45D2193271 independently developed the test and evaluated performance using Applied Biosystems' products and specifications. The lab operates under the Clinical Laboratory Improvement Amendments of 1988 and is qualified to perform high complexity testing. Confidentiality of this medical record shall be maintained except when the use or disclosure is required or permitted by law, regulation, or written authorization by the patient. Test performed by: Demo Laboratory, 1234 Street, Suite 100, Anytown, TX 77002 NPI: 12345678 CLIA : 123456789. Electronically signed by the Laboratory Director, Dr. Steven Strange Ph.D