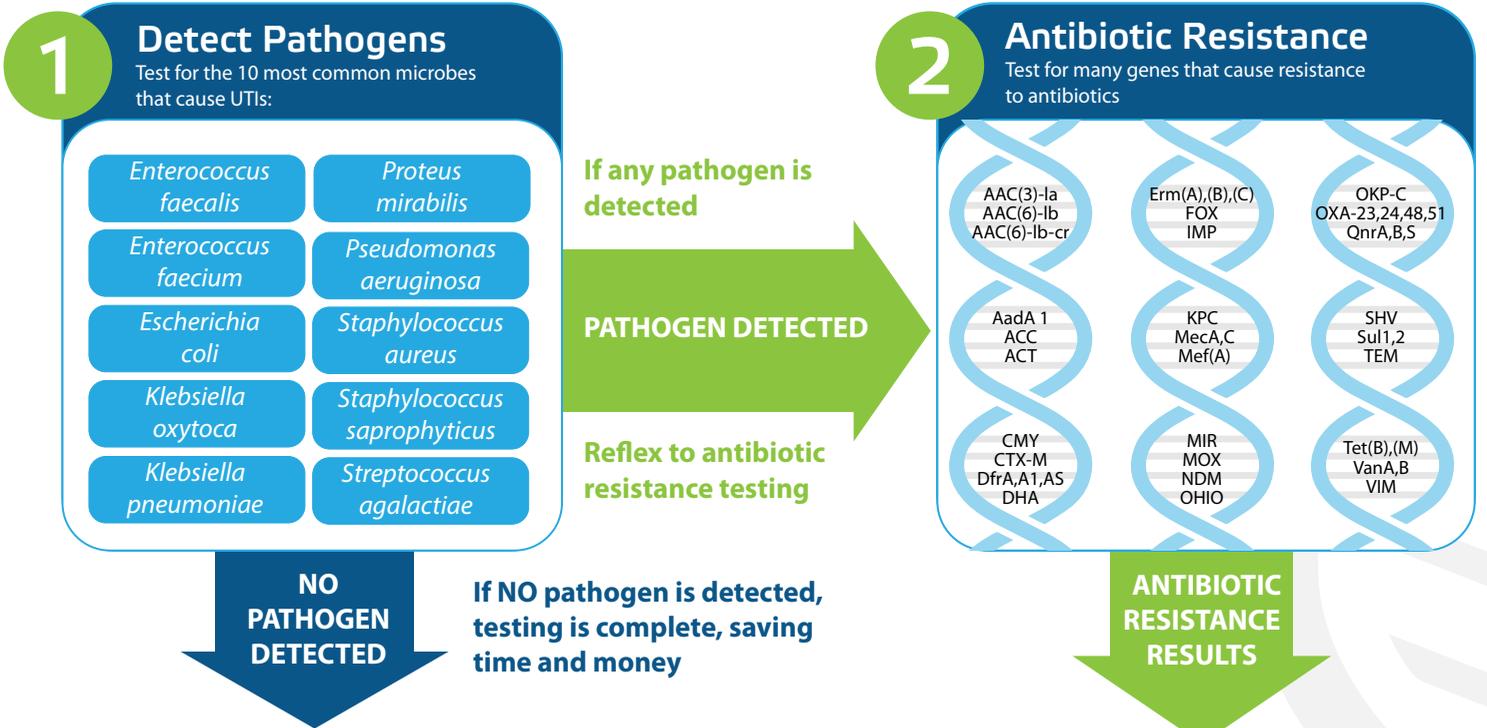


Timely, accurate, actionable,
and cost effective molecular
diagnostics results

Precise Molecular UTI Complete Results Within a Day



Benefits of Reflex Testing

- ✓ **Improved Diagnosis:** Provides clinicians with a clearer and quicker diagnosis by immediately following up on abnormal initial results
- ✓ **Better Patient Care:** Enhances patient care by ensuring that necessary additional tests are conducted promptly
- ✓ **Increased Efficiency:** Saves time by avoiding the need for a separate doctor's order
- ✓ **More Savings:** Reflex testing decreases the cost of lab testing, which might be a consideration for both patients and healthcare systems

Our test detects the antimicrobial resistance genes associated with **12 classes of commonly used antibiotics**

Antibiotics Classes

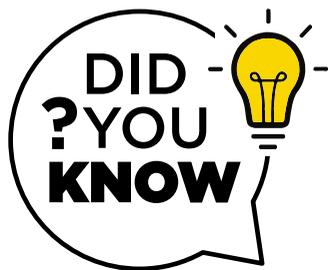
Includes antibiotics such as...

Aminoglycoside	1	gentamicin, tobramycin, and amikacin
Carbapenem	2	imipenem, meropenem, and ertapenem
Dihydrofolate Reductase Inhibitor	3	trimethoprim
Glycopeptide	4	vancomycin and teicoplanin
Macrolide	5	erythromycin, clarithromycin, and azithromycin
Lincosamide	6	clindamycin and lincomycin
Streptogramin	7	quinupristin / dalfopristin
Monobactam	8	aztreonam
Beta-Lactam	9	penicillins, cephalosporins, carbapenems, and monobactams
Quinolone	10	ciprofloxacin, levofloxacin, and moxifloxacin
Sulfonamide	11	sulfamethoxazole
Tetracycline	12	tetracycline, doxycycline, and minocycline

Further, our test evaluates an additional two important categories for Antimicrobial Resistance:

Extended Spectrum Beta-Lactamase (ESBL): This refers to a type of enzyme produced by certain bacteria, which confers resistance to many beta-lactam antibiotics.

Methicillin Resistance: This refers to a resistance mechanism, particularly in *Staphylococcus aureus* (MRSA), making it resistant to methicillin and other beta-lactam antibiotics.



You receive personalized molecular results in less than one day from receipt at lab

PCR detects 93.4% of polymicrobial infections and culture only detects 22.3% of polymicrobial infections¹

Up to 52% of positive UTI cases are polymicrobial. Culture may be resulted as "contaminated" or "mixed flora", we identify each specific pathogen in the specimen

¹The Clinical Urine Culture: Enhanced Techniques Improve Detection of Clinically Relevant Microorganisms. J Clin Microbiol. 2016 May;54(5):1216-22. doi: 10.1128/JCM.00044-16. Epub 2016 Mar 9. PMID: 26962083; PMCID: PMC4844725.

Ready to Get Started?
Call, email, or scan for more info

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