

# RANDOX

## UTI RAPID TEST

Test for urinary tract infections at the point of care

Urinary tract infections are one of the most common infections to experience, affecting people worldwide. UTI's are classified as uncomplicated and complicated depending on underlying conditions. The use of antibiotics plays a big role by increasing the number of UTIs due to the multidrug resistant organisms. One single native urine test provides 16 uropathogens and 7 antimicrobial resistance genes.

Detection Method: Randox Biochip Technology (end-point PCR)

Result Time: 2.5 hours

Sample Volume: 300µl

Sample Type: Native Urine

DETECTABLE PATHOGENS		
GRAM-NEGATIVE BACTERIAL SPECIES	GRAM-POSITIVE BACTERIAL SPECIES	ANTIMICROBIAL RESISTANCE GENES
<i>Acinetobacter baumannii</i>	<i>Enterococcus faecalis</i>	TRIMETHOPRIM RESISTANCE
<i>Enterobacter cloacae</i>	<i>Enterococcus faecium</i>	<i>dfrA1</i>
<i>Escherichia coli</i>	<i>Staphylococcus aureus</i>	<i>dfrA5</i>
<i>Klebsiella aerogenes</i>	<i>Staphylococcus epidermidis</i>	<i>dfrA17</i>
<i>Klebsiella oxytoca</i>	<i>Staphylococcus epidermidis</i>	<i>dfrA12</i>
<i>Klebsiella pneumoniae</i>	<i>Staphylococcus saprophyticus</i>	METHICILLIN RESISTANCE
<i>Morganella morganii</i>	<i>Streptococcus agalactiae</i>	<i>mecA</i>
<i>Proteus spp.</i>		VANCOMYCIN RESISTANCE
<i>Providencia stuartii</i>		<i>vanA</i>
<i>Pseudomonas aeruginosa</i>		<i>vanB</i>



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## VIVALYTIC

### Cartridge Based Testing Platform

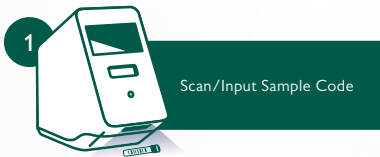
The UTI rapid test on Vivalytic offered by Bosch, a point of care platform brought to the market by Randox Laboratories. The Vivalytic system is a fully automated, cartridge-based platform capable of both High-Plex and Low-Plex patient testing. Each easy-to-use cartridge contains all necessary reagents, is a closed system to minimise risk and can be conveniently stored at room temperature.

#### Vivalytic Key Features:

- Cartridge based platform
- Fully-automated
- Suitable for both non-laboratory & laboratory settings
- Small footprint device
- Rapid turnaround from sample entry to results

## VIVALYTIC WORKFLOW

### 4 Easy Steps for Optimised Workflow



To find out more email:  
[marketing@randox.com](mailto:marketing@randox.com)