Compact, intuitive, functional and affordable, our award-winning designs help to make our products accessible to anyone, anywhere. We are committed to helping save lives by rapidly detecting bacteria, improving patient care, and combating the global threat of antibiotic resistance.

It’s time to speed up UTI detection
THE 216Dx SYSTEM FOR UTI DETECTION

Fast, accurate and affordable, the award-winning BacterioScan 216Dx transforms the way Urinary Tract Infections (UTIs) are diagnosed. The 216Dx detects and precisely measures UTI-associated bacterial growth directly from clinical urine specimens in just 3 hours.

BacterioScan’s 216Dx has the potential to significantly decrease the time to result for detecting the presence of uropathogens. Earlier detection of these infections supports quicker, accurate identification of treatment paths, optimal antibiotic therapy and better patient care.

Urine samples are the most common specimen received in most microbiology labs; the time and effort dedicated to plating urine specimens constitute a significant workload burden. Traditional testing methods provide results in 1-2 days, and organism identification and susceptibility a few days later. This leads to empiric antibiotic selection in the absence of test results. Faster detection of infections has the potential to expedite pathogen ID and testing of antibiotic susceptibility, reduce empiric antibiotic consumption, and improve infection control practices.

“THE 216Dx SYSTEM’S DIRECT FROM SPECIMEN URINE TESTING ELIMINATES THE TIME AND EFFORT DEDICATED TO CULTURING PLATES, IMPROVES TURNAROUND TIME AND LAB EFFICIENCY.”

It’s time to speed up UTI detection ANSWERS BEFORE ANTIBIOTICS
DETECTION. DIAGNOSIS. DECISIONS.

BacterioScan’s 216Dx System for UTI detection has the potential to significantly decrease the time to result for detecting the presence of UTIs and increases the likeliness of a successful response to antibiotics.

Improved Patient Care:
- 3 hour TAT for fast accurate reporting
- Change or stop unneeded antibiotic treatments
- Quicker detection of infection expedites ID and AST processes

Improved Antibiotic Stewardship:
- Opportunity to reduce broad spectrum antibiotic consumption
- Targeted antibiotic therapy to treat specific bacterial infections
- Improve infection control practices and enable earlier patient discharge

Improved Lab and Hospital Economics:
- 3 hour TAT enables labs to report results earlier
- Eliminate the need to culture negative specimens
- Reduce the time and effort dedicated to plating urines

Answers Before Antibiotics is now a possibility when results are available in hours, instead of days. Rapid, accurate and informed treatment decisions are possible with BacterioScan’s 216Dx UTI Detection System.

“ANSWERS BEFORE ANTIBIOTICS IS NOW A POSSIBILITY…”

It’s time to speed up UTI detection ANSWERS BEFORE ANTIBIOTICS
**BENEFITS OF THE 216Dx SYSTEM**

*BacterioScan’s 216Dx System may help reduce the length of stay, pharmacy costs, and readmission rates to promote value driven patient care.*

BacterioScan’s 216Dx enables earlier, targeted antibiotic therapy and may help limit inappropriate antibiotic use which is critical to fight the global threat of antibiotic resistance.

**THE BACTERIOSCAN 216Dx SYSTEM: ACCURATE RESULTS**

*UTI PATHOGEN DENSITY (CFU/mL)*

<table>
<thead>
<tr>
<th>Sensitivity</th>
<th>97.7%</th>
<th>98.6%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity</td>
<td>72.1%</td>
<td>69.5%</td>
</tr>
<tr>
<td>NPV</td>
<td>99.2%</td>
<td>99.6%</td>
</tr>
<tr>
<td>Plate Reductions</td>
<td>57.6%</td>
<td>57.8%</td>
</tr>
</tbody>
</table>

**IMPROVED PERFORMANCE VS BLOOD AGAR PLATING**

The 216Dx System demonstrates and delivers higher UTI detection sensitivity than Blood Agar Plates at three common UTI diagnostic thresholds.

- **216Dx Study Sensitivity**
- 95% Confidence Interval
- **SOC Sensitivity (single streak BAP)**

![UTI Sensitivity Graph](image)

**IT’S TIME TO SPEED UP UTI DETECTION: 3 SIMPLE STEPS TO A 3-HOUR RESULT**

1. Load Multicuvette
2. Run Samples in 216Dx
3. Results in 3 hours

- **DISPOSABLE MULTICUVETTES LOADED IN ABOUT A MINUTE PER SAMPLE**
- **SPACE SAVING, COMPACT, STACKABLE BENCHTOP UNIT**
- **NO CULTURING OR COMPLEX SAMPLE PREPARATION IS REQUIRED**
- **EASY TO USE WITH A WALKAWAY OPERATION**

**FAST, ACCURATE AND AFFORDABLE, THE BACTERIOSCAN 216Dx SYSTEM FOR UTI DETECTION TRANSFORMS THE WAY URINARY TRACT INFECTIONS ARE DIAGNOSED.**