

HOW CAN YOU ACHIEVE



"[A] returning traveller from Morocco...was unwell with bloody diarrhoea, and we were concerned about a number of possible causes. By mid-afternoon we were able to give a diagnosis of Campylobacter and treat the patient before she went home. She left in the afternoon with the right treatment, and the bed was released for the next patient."

Clinical Director for Pathology
Hampshire Hospitals NHS Foundation Trust, UK

IMPACT?

EXPAND YOUR LAB'S MOLECULAR TESTING POTENTIAL

- ▶ **Workflow efficiency** for timely patient management¹
- ▶ Diagnostic **speed and accuracy** to aid in fast, appropriate treatment²
- ▶ Testing **versatility** for a wide range of patients³

VISIT BD.COM/DS TO FIND OUT HOW



THE BD MAX™ SYSTEM

MAX IMISE SUCCESS



BD MAX™ ENTERIC AND EXTENDED ENTERIC BACTERIAL PANELS

Diagnosing bacterial gastroenteritis is labour intensive and can take 72 hours or longer for results. Now, BD enteric solutions offer an effective, time-saving alternative.

The BD MAX system provides a faster time to result than culture—less than 3.5 hours, with minimal hands-on time.^{3,4}

**DETECTS
>95%
OF BACTERIA
THAT CAUSE
INFECTIOUS
GASTROENTERITIS⁵**

DISCOVER WHERE VERSATILITY MEETS SIMPLICITY

With molecular testing rapidly making its way to the routine diagnostic laboratory, the focus is now on automated equipment that offers greater efficiency, ease of use, and standardisation. The BD MAX System offers the latest in innovative technology to add value to the laboratory's service, by providing:

- A fully automated, open, bench-top molecular system with the flexibility to perform IVD and to follow user-defined protocols on the same platform
- Increased efficiency and cost savings in automated molecular testing
- Faster, more accurate results for improved patient care^a

^aCompared to traditional methods.

'SMART' ASSAY DESIGN

BD's syndromic strategy to assay development enables rapid provision of information the way the clinician and the hospital need it. Current syndromic areas focused on are HAI, Enterics, and Women's Health and STI. BD MAX open-system capabilities allow for full automation of in-house or other PCR assays for increased flexibility and standardisation, as well as giving you access to assays available through BD Partner collaborations and from other manufacturers.

MAXIMISE YOUR IMPACT WITH THE ENTERIC AND EXTENDED ENTERIC BACTERIAL PANELS

By adding the Extended Enteric panel to the Enteric panel, your lab can detect over 95% of bacteria that cause infectious gastroenteritis.⁵

Enteric Bacterial Panel	Extended Enteric Bacterial Panel
<i>Salmonella</i> spp.	<i>Yersinia enterocolitica</i>
<i>Shigella</i> spp.	Enterotoxigenic <i>E. coli</i> (ETEC)
<i>Campylobacter</i> spp. (<i>C. jejuni</i> and <i>C. coli</i>)	<i>Plesiomonas shigelloides</i>
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	<i>Vibrio</i> spp. (<i>V. vulnificus</i> / <i>V. parahaemolyticus</i> / <i>V. cholerae</i>)

Compared to conventional stool culture methods:

- More accurate diagnosis and results to aid in appropriate treatment²
- Reduces materials by an average of 60%³
- Saves space and resources required for culture
 - Eliminates multiple incubators, environments, and storage

True testing flexibility

- The Extended Enteric Bacterial Panel can be used at all times or only when broader testing is needed
- Simply snap into the Enteric Bacterial Panel test strip as needed for ease of use

Other molecular solutions for detection of enteric pathogens include BD MAX Cdiff, BD MAX Enteric Parasite Panel, and the Diagenode Enteric Viral Panel Real-Time PCR kit for BD MAX.

Optimise your testing algorithm by selecting the most appropriate enteric panel(s) based on patient history/clinical presentation.

**START MAXIMISING YOUR IMPACT.
CONTACT YOUR LOCAL REPRESENTATIVE**

References: 1. Mortensen JE et al. Comparison of time-motion analysis of conventional stool culture and the BD MAX Enteric Bacterial Panel (EBP). *BMC Clin Pathol*. 2015;15:9. 2. Bauman M. Transitioning from culture to molecular: implementation and integration of BD Max Enteric Bacterial Panel at Cincinnati Children's Hospital. ADVANCE Healthcare website. http://laboratory-manager.advanceweb.com/SharedResources/Downloads/2015/051815/bd_advertorial.pdf. Updated June 2015. Accessed June 1, 2016. 3. Felder RA et al. Process evaluation of an open architecture real-time molecular laboratory platform. *J Lab Autom*. 2014;19(5):468-473. 4. Package Insert/Clinical Trial Data pending FDA clearance. 5. Incidence and Trends of Infection with Pathogens Transmitted Commonly Through Food — Foodborne Diseases Active Surveillance Network, 10 U.S. Sites, 1996–2012 *MMWR* April 19, 2013 / 62(15):283-287.

