

## HOW CAN YOU ACHIEVE



*“The ongoing ability of the BD MAX™ Enteric Suite to adapt testing to the patient population, geography, and clinical presentation allows laboratories to focus on the needs of their patients.”*

Joel Mortensen, Ph.D.  
Director, Microbiology

# IMPACT?

## EXPAND YOUR LAB'S MOLECULAR TESTING POTENTIAL

- ▶ **Workflow efficiency** for timely patient management<sup>1</sup>
- ▶ Diagnostic **speed and accuracy** to aid in fast, appropriate treatment decisions<sup>1</sup>
- ▶ Testing **versatility** for a wide range of patients<sup>1</sup>

VISIT [BD.COM/DS](http://BD.COM/DS) TO FIND OUT HOW

THE BD MAX™ SYSTEM

**MAX**IMIZE SUCCESS



# MAXIMIZE YOUR IMPACT WITH THE EXTENDED ENTERIC BACTERIAL PANEL

By adding the Extended Enteric Bacterial Panel to your laboratory's stool testing, **over 95% of bacteria causing infectious gastroenteritis can be detected.**<sup>2</sup>

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> ( <i>V. vulnificus</i> / <i>V. parahaemolyticus</i> / <i>V. cholerae</i> )



## WHY CHANGE?

- Studies have shown a diagnostic yield of stool culture as low as 1.5%.<sup>3</sup> Are you missing positives?
- Cost per positive culture can be as high as \$1,200.<sup>3</sup>
- Diagnosing bacterial gastroenteritis is labor intensive and may take several days for results.<sup>4</sup>

**RESULT IN HOURS VERSUS DAYS**



## WHY NOW?

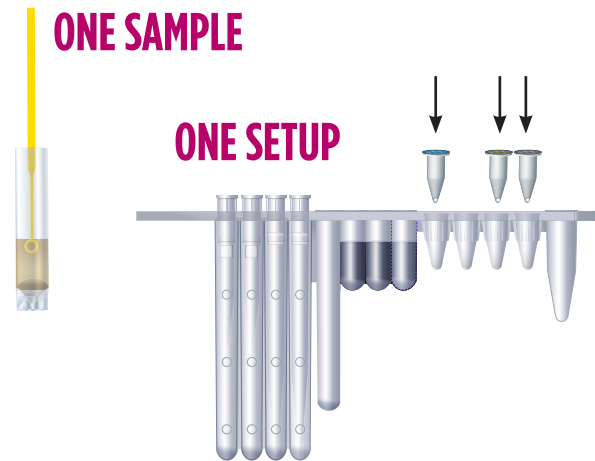
- > **1.7 BILLION CASES OF INFECTIOUS GASTRO-ENTERITIS PER YEAR WORLDWIDE**<sup>5</sup>
- 2<sup>ND</sup> LEADING CAUSE OF DEATH IN CHILDREN < 5 YEARS OLD**<sup>5</sup>
- 1 IN 6 AMERICANS GET SICK FROM FOOD-BORNE ILLNESSES PER YEAR**<sup>6</sup>

## TRUE TESTING VERSATILITY

The **Extended Enteric Bacterial Panel** can be used based on clinical presentation:

- Routinely with every specimen or
- Only when additional pathogens are suspected

## Simply snap into the Enteric Bacterial Panel



**WHY BD?** The BD MAX System offers a benchtop molecular analyzer designed to provide efficiency, ease of use, and standardization.<sup>7</sup> The BD MAX Extended Enteric Bacterial Panel provides results in less than 3.5 hours with minimal hands-on time.

References: 1. Mortensen 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. Felder et al. Process evaluation of an open-architecture real-time molecular laboratory platform. J. Lab Autom. 2014;19:5; 468-473 3. Incidence and trends of infection with pathogens transmitted commonly through food – Foodborne Disease Active Surveillance Network, 10 US Sites 1996-2012. MMWR April 2013;62:15;283-287 4. Anderson et al. Comparison of the BD MAX Enteric Bacterial Panel to routine culture methods for detection of Campylobacter, Escherichia coli (O157), Salmonella, and Shigella isolates in preserved stool specimens. JCM 2014. 52:4;1222-1224 5. WHO Fact Sheet, April 2013. <http://www.who.int/mediacentre/factsheets/fs330/en> 6. Extended Enteric Bacterial Panel RUO Package Insert. BD. 2017

