► Enteric Solutions

# How can you achieve

# IMPACT?

*"We chose the BD MAX™ Enteric Bacterial Panel on the BD MAX™ System because of its syndromic and operational advantages for regional stool pathogen detection."*[1]

## Diagnostics that improve testing accuracy and patient management

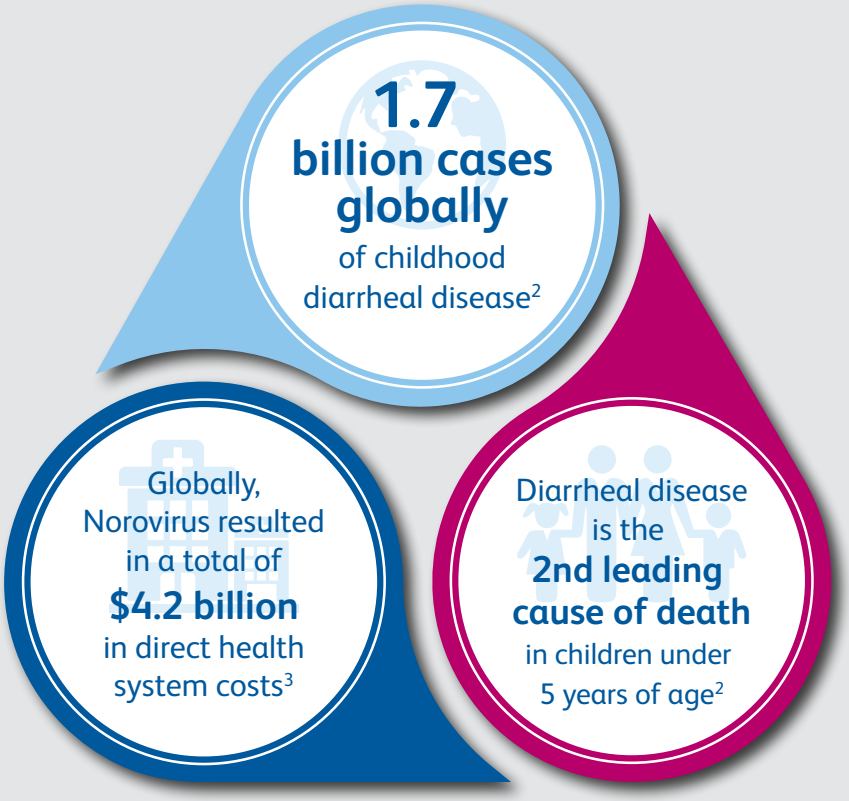
- **Drive** appropriate treatment decisions with accurate, timely diagnoses[1]
- **Enhance** the overall patient therapy and care experience
- **Strengthen** institutional, operations and financial results

**Visit moleculardiagnostics.bd.com to find out how**

BD MAX™ System

BD

# The Challenge




**Identifying the causative agent in gastroenteritis infections is difficult because traditional methods, such as microscopy and culture, can be less sensitive and take up to 2 days for results.[1]**

**This could lead to:**

- Less effective clinical decision-making
- Inappropriate treatment
- Unnecessary patient isolation
- Extended hospital stays

**Creating a major burden for the hospital, both operationally and financially.[4]**

# The Solution

**BD can partner with your laboratory to simplify the stool bench. Enable your laboratory to:**

- Provide results for up to 24 specimens in 3 hours[5]
- Decrease hands-on time for laboratory technicians versus traditional methods[1]
- Control total cost of ownership by limiting indirect costs while simplifying your stool bench[1]

## BD offers tailored panels to address clinical needs and optimize results

Reportable targeted results per assay are listed below:

**BD MAX™ Enteric Bacterial Panel**

1. *Salmonella* spp.
2. *Campylobacter* spp. (jejuni and coli)
3. *Shigella* spp. / Enteroinvasive *E. coli* (EIEC)
4. Shiga toxin 1 & 2 (*E. coli* [STEC])

Cat: 442963

**BD MAX™ Extended Enteric Bacterial Panel**

1. *Plesiomonas shigelloides*
2. *Vibrio (V. vulnificus, V. parahaemolyticus,* and *V. cholerae)*
3. Enterotoxigenic *E. coli* (ETEC)
4. *Yersinia enterocolitica*

(mastermix only- must be run with Cat. 442963)

Cat: 443812

**BD MAX™ Enteric Parasite Panel**

1. *Giardia lamblia*
2. *Cryptosporidium (C. hominis* and *C. parvum)*
3. *Entamoeba histolytica*

Cat: 442960

**BD MAX™ Enteric Viral Panel**

1. Norovirus GI & GII
2. Rotavirus A
3. Adenovirus F40/41
4. Sapovirus (genogroups I, II, IV, V)
5. Human Astrovirus (hAstro)

Cat: 443985

**BD MAX™ Cdiff**

1. *Clostridium difficile* toxin B gene *(tcdB)*

Cat. 443418

**Implementation of timely and accurate detection of organisms can:[4]**

- Improve patient management and antimicrobial stewardship.
- Improve infection control and decrease infection transmission.

## BD partners with your laboratory to simplify the stool bench.

## Start maximizing your impact. Contact your local representative.


**References**

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3. Bartsch et al. Global Economic Burden of Norovirus. Gastroenteritis, PLOS ONE, 2016. DOI:10.1371/journal.pone.0151219.
4. Powell S et al. The impact of molecular approaches to infection disease diagnostics. Medical Laboratory Observer website. https://www.mlo-online.com/the-impact-of-molecular-approaches-to-infectious-disease-diagnostics.php. Updated August 2, 2015. Accessed June 4, 2018.
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