BD MAX™ Enteric Parasite Panel
Introducing the Next Panel in the BD MAX™ Portfolio of Enteric Solutions

BD MAX™ Enteric Parasite Panel
Detects three commonly isolated and highly pathogenic parasites that cause gastroenteritis: *Giardia lamblia*, *Cryptosporidium* spp. (*C. parvum* and *C. hominis*) and *Entamoeba histolytica*.

- Allows for testing of unpreserved and 10% formalin-fixed stool.
- Highly sensitive assay with rapid turnaround time frees up laboratory resources.
- Ensures added flexibility when paired with the BD MAX Enteric Bacterial Panel.
**BD MAX™ Enteric Parasite Panel**

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**The Challenge**

Parasites that cause intestinal disease are transmitted via contaminated water and food. Because symptoms are wide in variety, an accurate diagnostic test is vital to the successful management of these patients. In the U.S., it has been reported that parasitic diseases caused by *Cryptosporidia* and *Giardia* are common causes of gastrointestinal infections but are under diagnosed and under reported.

In the laboratory, traditional diagnostic methods include immunoassays and microscopy. These methods can be complex and subjective, and require a high level of expertise. Multiple immunoassays are needed to address common pathogens. In the case of microscopy, multiple processes and stains may be required to detect suspected pathogens. Additionally, differentiation of *E. histolytica* (pathogenic) and *E. dispar* (nonpathogenic) is not achievable by microscopy and may require fresh, unpreserved stool due to rapid morphologic changes.

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**The Solution**

The BD MAX Enteric Parasite Panel detects *Giardia lamblia*, *Cryptosporidium* spp. (*C. parvum* and *C. hominis*) and *Entamoeba histolytica* from one specimen with minimal time and expertise. Results are available in approximately 4 hours. Pathogens detected allow for the identification of common intestinal parasites and the sole pathogenic species *Entamoeba histolytica*.

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**Improved patient management and experience**

- **Conventional methods**
  - microscopy
  - immunoassay

- **Rapid, accurate molecular diagnostics**

  Specimen loaded into BD MAX
  
  Results in approximately 4 hours

  TARGETED SUPPORT THERAPY

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**Catalog Number**

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**For more information, please visit our website:** www.bd.com

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1 http://www.cdc.gov/parasites/giardia/
2 CDC MMWR / September 7, 2012 / Vol. 61 / No. 5
3 Bench Aids for the Diagnosis of Intestinal Parasites, WHO, Updated 2012

Microscopy images (top to bottom) courtesy of: CDC/Dr. Mae Melvin, CDC/Dr. Peter Drotman, CDC/Laboratory Identification of Parasites of Public Health Concern. Immunofluorescence image courtesy of CDC/Laboratory Identification of Parasites of Public Health Concern.

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0-223722 October 2015

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