

BD MAX™ Enteric Parasite Panel

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



Helping all people live healthy lives

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.



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The Challenge

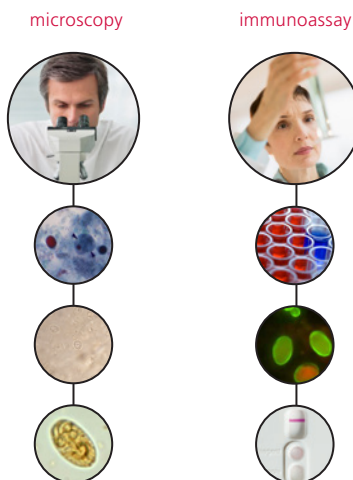
Parasites that cause intestinal disease are transmitted via contaminated water and food. Because symptoms are wide in variety, an accurate diagnostic test is vital to the successful management of these patients. In the U.S., it has been reported that parasitic diseases caused by *Cryptosporidia* and *Giardia* are common causes of gastrointestinal infections but are under diagnosed and under reported.^{1,2}

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.³

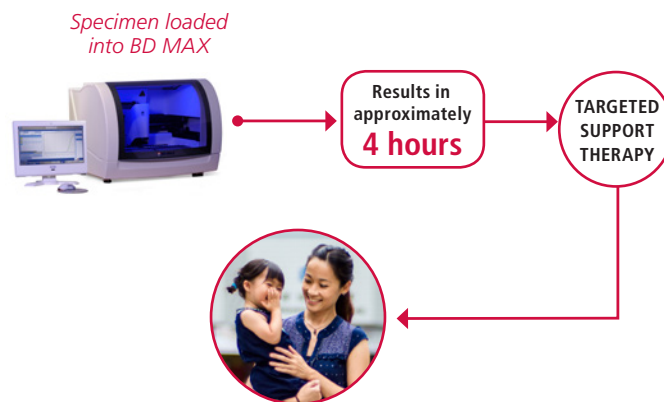
The Solution

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*.

▶ Conventional methods



▶ Rapid, accurate molecular diagnostics



▶ Improved patient management and experience

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

Catalog Number	Product Description
442960	BD MAX™ Enteric Parasite Panel
437519	BD MAX PCR Cartridge

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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