

NERVOUS STOMACH OR DEADLY INFECTION?

Sometimes, you simply don't have the luxury of waiting 3-5 days for lab results.

THE 24 HOUR ACCU REFERENCE GASTROINTESTINAL PATHOGEN PANEL (GPP)



Diarrhea is the second leading cause of death with 2 billion cases diagnosed annually, leading to 1.8 million deaths every year. It is also the leading cause of malnutrition in children under 5.¹

Although *Clostridium Difficile* and Norovirus are associated with the majority of gastroenteritis associated deaths in the United States, a large array of microbes are ultimately responsible for diarrheal infections. Due to similar symptomologies, differentiating between viral, bacterial and parasitic agents can be extremely difficult.² Complicating matters even

¹ World Gastroenterology Organisation practice guideline: Acute diarrhea, March 2008. World Gastroenterology Organisation (Internet). Cited 2014 September. Available from: http://www.worldgastroenterology.org/assets/downloads/en/pdf/guidelines/01_acute_diarrhea.pdf.

further, approximately 80% of all food borne illnesses currently go unidentified³, which often results in the inappropriate use of antibiotics. The early and accurate identification of gastrointestinal pathogens and possible co-infections is vital when a life hangs in the balance.

Up to 14 Pathogens from One Sample

ACCU REFERENCE's GPP is powered by PCR and tests for up to 14 different pathogens from a single specimen, allowing you to control, prevent and contain contagion in cohort populations sooner and more effectively.

Extraordinary Accuracy

ACCU REFERENCE's multiplex GPP can detect and identify >90% of the causative bacterial, viral, and parasitic agents of gastroenteritis from a single specimen and allows the confident ruling out of infectious causes of diarrhea with its 99.9% overall negative predictive value. Furthermore, in a study performed at the University of Medicine and Dentistry of New Jersey it identified 37.5% more pathogens than micro culture or Cdiff/Novovirus PCR even when the identified pathogen was not specified to be included by the ordering physician.

Foolproof Take Home Stool Kit

Furthermore, ACCU REFERENCE has created a super convenient, foolproof, take-home stool kit with easy instructions and a pre-paid FedEx mailer *so the patient can return the specimen directly to the lab without making another trip to your office.*



³ Scallan E., Hoekstra RM, Angulo FJ, Tauxe RV, Widdowson M-A, Roy SL, Jones JL, and Griffin PM. Foodborne illness acquired in the United States—major pathogens. *Emerg Infect Dis.* 2011; 17:7-15.