



**DP**

**Diarrhea Panel without C.diff**

**GA Test Code** 3427N  
**Method** Multiplex RT-PCR

<p><b><u>Bacteria</u></b>  <i>Campylobacter (jejuni, coli, and upsaliensis)</i>  <i>Plesiamonas shigelloides</i>  <i>Salmonella</i>  <i>Shigella/Enteroinvasive E.coli (EIEC)</i>  <i>Yersenia enterocolitica</i>  <b>EAEC - Enteroaggregative <i>Escherichia coli</i></b>  <b>EPEC - Enteropathogenic <i>Escherichia coli</i></b>  <b>ETEC - Enterotoxigenic <i>Escherichia coli</i></b>  <b>STEC - Shiga-like toxin-producing <i>Escherichia coli stx1/stx2</i></b></p>	<p><b><u>Parasites</u></b>  <i>Cryptosporidium</i>  <i>Cyclospora cayetanensis</i>  <i>Giardia lamblia</i>  <b><u>Viruses</u></b>  <b>Adenovirus F40/41</b>  <b>Astrovirus</b>  <b>Norovirus GI/GII</b>  <b>Rotavirus A</b>  <b>Sapovirus (I, II, IV, and V)</b></p>
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**Specimens** **Stool Swab (FecalSwab™ or white-capped eSwab™):** Collect stool in leakproof container. Rotate swab in stool and place in tube w/ liquid media. Break-off pre-scored swab and seal tube. Stability: 14 days ambient.

**Rectal Swab (FecalSwab™ or white-capped eSwab™):** Pass swab tip 1 inch beyond anal sphincter. Carefully rotate swab to sample anal crypts and withdraw. Fecal material must be clearly visible on swab. Place swab in tube w/ liquid media. Break-off pre-scored swab and seal tube. Stability: 14 days ambient.

**Raw Stool:** 0.2-1.0 g/mL liquid feces (conforms to container shape), screw-cap container, refrigerated (7 days). **Do not** dilute specimen or use preservatives.

**Cary Blair (C&S) Medium - Stool:** Collect stool in leakproof container. Using scoop attached to cap, add stool to red FILL LINE. Recap vial and agitate it to permit adequate mixing of the stool w/ transport medium. Stability: 4 days ambient.

**Rejection Causes** Fully-formed stool; no visible fecal matter; time and/or temperature instructions not followed as specified; quantity not sufficient (QNS) for analysis.

**Reference Range** Not Detected

**Turnaround Time** Same or next day

**CPT Code** 87506

**Description**

This test was developed and its performance characteristics determined by Genetic Assays. It has not been cleared nor approved by the U.S. FDA. The FDA has determined that such clearance or approval is not necessary. This test is used for clinical purposes. It should not be regarded as investigational or for research. Genetic Assays is certified under CLIA as qualified to perform high-complexity testing. The Diarrhea Panel tests for 17 targets (bacteria, parasites, viruses) that cause infectious diarrhea. A positive PCR result for any of the specific targets indicates the presence of that respective organism in the specimen. A negative result indicates the absence of detectable DNA in the specimen, but does not rule out infection with these or other enteric pathogens. False-negative results may occur due to inhibition (rate of <1%) of PCR.

This multiplex PCR panel test of gastrointestinal pathogens is intended for individuals with persistent diarrhea for 7 or more days.

*Genetic Assays, Inc.*