The NxTAG® Gastrointestinal Pathogen Panel (GPP) is a multiplex PCR test that detects nucleic acids from 16 bacterial, viral, and parasitic targets in diarrheal stools on an easy-to-use, single-well, closed-tube system.

As opposed to traditional workflows (which can take multiple days), NxTAG GPP delivers same-day results—including extraction and processing.

**The NxTAG Gastrointestinal Pathogen Panel offers:**

**A streamlined workflow**
- The NxTAG workflow makes GI testing much easier, providing results in 3 hours post-extraction.

**Minimal hands-on time**
- Simplify your workflow with pre-plated lyophilized reagents.

**Comprehensive coverage of GI pathogens**
- Detect a broad range of bacterial, viral, and parasite targets in a single tube.

**Scalable throughput**
- Run 1-96 samples at a time based on your needs.

**GI Clinical Testing**

<table>
<thead>
<tr>
<th>Day 0</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
<th>Day 4</th>
<th>Day 5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Send-Outs</strong>: 2-5+ days</td>
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<tr>
<td><strong>Culture</strong>: 24-48 hours</td>
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<tr>
<td><strong>Biochemical Tests</strong>: ~3 hours post-culture</td>
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<tr>
<td><strong>NxTAG® Gastrointestinal Panel (GPP)</strong>: ~4 hours*</td>
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</tbody>
</table>

*Includes extraction

<table>
<thead>
<tr>
<th><strong>Bacterial Targets</strong></th>
<th><strong>Viral Targets</strong></th>
<th><strong>Parasite Targets</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Campylobacter Group</td>
<td>Adenovirus F40/41</td>
<td>Cryptosporidium Group</td>
</tr>
<tr>
<td>C. difficile (Toxin A/B)</td>
<td>Astrovirus</td>
<td>Entamoeba histolytica</td>
</tr>
<tr>
<td>ETEC (LT/ST)</td>
<td>Norovirus GI/GII</td>
<td>Giardia lamblia</td>
</tr>
<tr>
<td>STEC (stx1/stx2)</td>
<td>Rotavirus A</td>
<td></td>
</tr>
<tr>
<td>Shigella spp./EIEC</td>
<td>Sapovirus I/II/IV/V</td>
<td></td>
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<tr>
<td>Salmonella spp.</td>
<td></td>
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<tr>
<td>Vibrio cholerae</td>
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<tr>
<td>Yersinia enterocolitica</td>
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</tbody>
</table>
Simple and Speedy Workflow

Step 1
Add 1-96 extracted samples to pre-plated test wells.

Step 2
Run multiplex PCR and bead hybridization.

Step 3
Read on the NxTAG®-Enabled MAGPIX® System.

Ordering Information

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>NxTAG® Gastrointestinal Pathogen Panel (CE-IVD)*</td>
<td>I053CO458 (96 Tests)</td>
</tr>
<tr>
<td>NxTAG®-Enabled MAGPIX® System</td>
<td>MAGPIX-XPON 4.1-CEIVD</td>
</tr>
</tbody>
</table>

*For detection and identification of 16 bacterial, viral, parasitic nucleic acids in human stool specimens or human stool in Cary-Blair media from individuals with signs and symptoms of infectious colitis or gastroenteritis.