What is the Test?
• The PathFlow™ C. difficile GDH & Tox A/B Combi Cassette simultaneously detects three distinct antigens in faecal specimens for C. difficile; GDH, Toxin A and Toxin B.

What is the Disease?
• Clostridium difficile is an opportunistic anaerobic bacterium that can grow in the intestine once normal flora has been altered by antibiotics.
• Toxigenic strains of C. difficile can cause infection (Clostridium difficile infection – CDI) through the production of two toxins; Toxin A (tissue-damaging enterotoxin) and/or Toxin B (cytotoxin).

Symptoms
• CDI can present as a spectrum of symptoms; ranging from asymptomatic carriage or mild diarrhoea, to potentially life-threatening pseudomembranous colitis.

Mortality/Morbidity – Clinical Implications
• The organism is spread via oral-faecal route, acquired from infected individuals both directly and indirectly.

Why use PathFlow™
• The PathFlow™ C. difficile GDH and Tox A/B Combi Cassette allows for the rapid and accurate detection of C. difficile, with test results available after 10 minutes.
• The ability to conduct simultaneous GDH/Tox A&B testing coupled with rapid provision of results allows for Clostridium difficile infections to be managed more effectively.

The PathFlow™ C. difficile GDH and Tox A/B Combi Cassette is a rapid chromatographic immunoassay for the qualitative detection of Clostridium difficile Glutamate Dehydrogenase (GDH), Toxin A and Toxin B in the human faecal specimen.

• Due to its contagious abilities C. difficile poses a real threat to healthcare environments (large concentration of at-risk individuals – immunocompromised/undertaking antibiotic treatment), so rapid detection is paramount to prevent spread.

Complete system, no additional reagents required and provides concurrent detection.
• Simple and easy to use.
• Rapid result offered. Available after 10 minutes or within 10-20 minutes.
• Can be used for both solid and liquid specimens.
• In-built procedural control.
• Ability to rapidly identify C. difficile is key for patient care.

www.microgenbioproducts.com
Performance – Tested vs. another leading commercial rapid test

<table>
<thead>
<tr>
<th>Test</th>
<th>Sensitivity</th>
<th>Specificity</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDH</td>
<td>98.7%</td>
<td>98.3%</td>
<td>98.5%</td>
</tr>
<tr>
<td>Tox A&amp;B</td>
<td>98.2%</td>
<td>98.6%</td>
<td>98.5%</td>
</tr>
</tbody>
</table>

Ordering Information

- **Code** – M588CE
- **Description** – PathFlow™ C. difficile GDH and Tox A/B Combi
- **Size** – 25 Test Kits
- **Storage** – 2°C-30°C

Distributed by:

**PathFlow™ - Leading The Way to a Better Diagnosis**