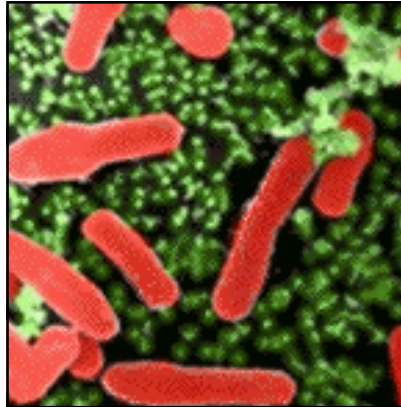


# MICROGEN BIOPRODUCTS LTD

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## MICROGEN<sup>®</sup> C. DIFFICILE RAPID TEST

A UNIQUE RAPID TEST FOR THE CONFIRMATORY IDENTIFICATION OF *CLOSTRIDIUM DIFFICILE* CULTURED ON SELECTIVE SOLID MEDIA FROM FAECAL SAMPLES.

BASED ON PROVEN AND RELIABLE LATEX AGGLUTINATION TECHNOLOGY, THE MICROGEN BIOPRODUCTS C. DIFFICILE CULTURE CONFIRMATION ASSAY OFFER:

RESULTS IN TWO MINUTES

INCREASED EFFICIENCY

HIGH SENSITIVITY

HIGH SPECIFICITY

ACCURATE & RELIABLE RESULTS

Protecting Food and Health

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*Clostridium difficile* has a well documented role in pseudomembranous colitis and diarrhoea associated with antibiotics. Evidence has also implicated *C. difficile* in colitis not induced by antibiotics, exacerbations of chronic inflammatory bowel disease and postoperative diarrhoea. Many laboratories rely on the detection of *C. difficile* cytotoxin to diagnose infection. However, investigations have shown that the detection of faecal cytotoxin is not always consistent with active infection. This, plus the fact that some laboratories do not have the specialised facilities that are required to detect faecal cytotoxin, has highlighted the need for a test that is easy to use and gives rapid results for the identification of *C. difficile*.

Use of Microgen® *C. difficile* allows identification of *C. difficile* from selective agar, within two minutes.

Traditional methods for identification of *C. difficile* includes GLC and cytotoxin detection. However, GLC is expensive in terms of time, equipment and cost per test and the link between presence of cytotoxin and symptoms is inconsistent. The test latex particles in Microgen® *C. difficile* are coated with antibodies specific for *C. difficile* somatic antigens, resulting in a highly specific test with a high predictive negative value. The flexibility of the test means that it can be used to test isolates directly from selective agar plates, such as CCFA.

The kit, which is simple-to-use and gives clear cut results, contains a positive control, has a long shelf-life, and offers the confidence of high sensitivity and specificity.

Microgen *C. difficile* rapid test is part of a range of rapid tests which includes;

Microgen Salmonella	(M42CE)
Microgen Staph	(M43CE & M433CE)
Microgen E. coli 0157	(M44CE)
Microgen Legionella	(M45CE)
Microgen Campylobacter	(M46CE)
Microgen Strep	(M47CE)

<b>Code</b>	M41CE
<b>Description</b>	Microgen™ <i>C. difficile</i>
<b>Size</b>	50 tests
<b>Storage</b>	2 - 8°C