

Microgen® *C. difficile* latex test

A Rapid latex agglutination test for the confirmation of *C. difficile* directly from a selective medium.

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 continuing need for traditional culture methods. Microgen® *C. difficile* provides a simple and specific test for confirmation.

Rapid identification confirmed
within 2 minutes

Easy to use

High sensitivity and specificity

Microgen[®] *C. difficile* latex test

Traditional methods for identification of *C. difficile* include 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 test maybe be performed from all recognised *C. difficile* isolation media.

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

Ordering Information:

Code	Description	Size	Storage
M41CE	Microgen [®] <i>C. difficile</i>	50 tests	2 - 8°C

Reagents/Kit:

Reagents	Product Code	Detects	Quantity/Size
<i>C. difficile</i> latex reagent	M41a	Latex particles coated with rabbit antibodies to <i>C. difficile</i> antigens	2.5ml
Positive control	M41b	Suspension of inactivated <i>C. difficile</i> antigens reactive with test latex reagent	0.5ml
0.85% Isotonic saline	M40	Sample preparation solution	5.0ml

If you need any further information on any of the above tests please contact Microgen Bioproducts Ltd.

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