

CDI & Gastro

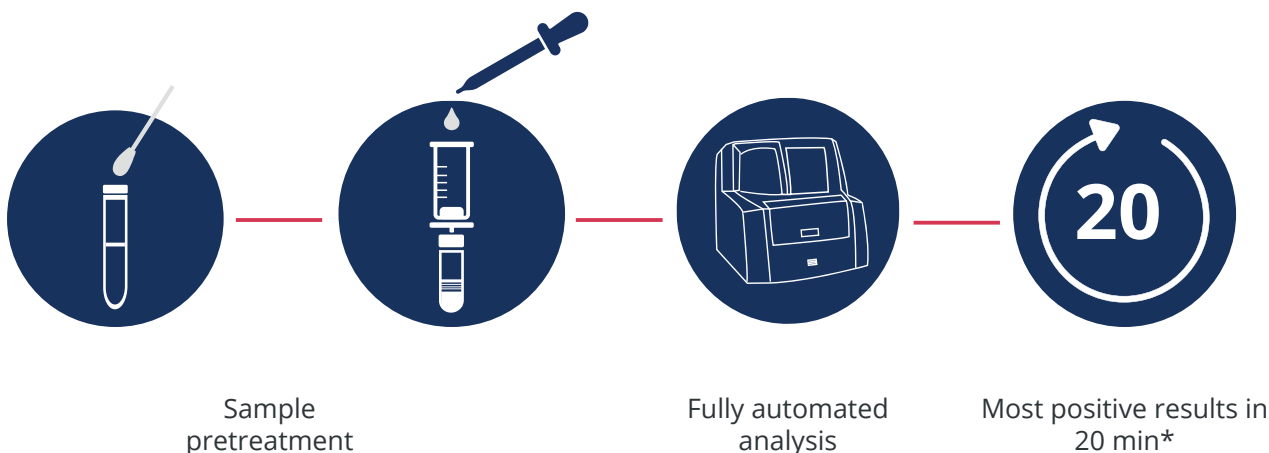
Syndromic testing of pathogens causing gastroenteritis

mariPOC® CDI test is designed to confirm *C. difficile* infection (CDI) with simultaneous analysis of GDH (*C. difficile* specific surface protein) and disease-causing free *C. difficile* toxins. The test provides the best accuracy in the market for rapid CDI diagnostics.

The CDI and Gastro tests can be analysed from the same sample with the automated mariPOC test system. The results can be utilized for optimisation of the use of antibiotics and to avoid unnecessary antibiotic treatment.

mariPOC® Gastro test is a multianalyte test for acute gastroenteritis. The test allows rapid detection and differentiation between the most common viral and bacterial infections from a single stool specimen.

Simple Workflow

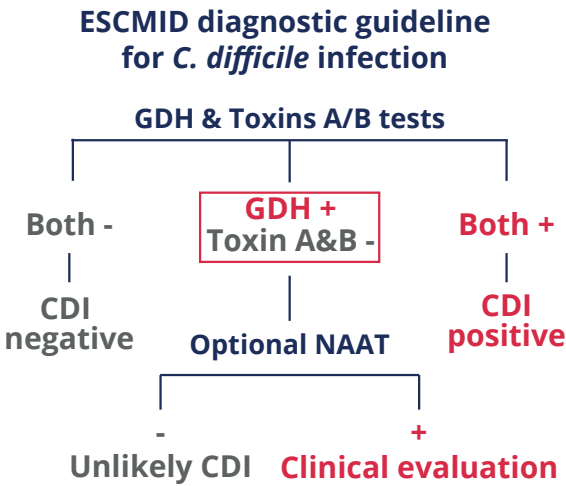


*Negative results confirmed in 2 hours

Upgrade your *C. difficile* detection to meet the ESCMID guidelines

The mariPOC CDI test was developed to meet the ESCMID diagnostic guideline for *C. difficile* infection by simultaneous detection of gene expression of GDH and toxins A and B. The test provides reliable results for toxin producing *C. difficile* with high positive predictive value¹.

Patients with negative *C. difficile* toxin results should have alternative diagnosis considered and tested. This is simple with mariPOC. The simultaneous use of mariPOC CDI and Gastro test can improve microbiology diagnostics of CDI² and thus the cost-efficiency of patient management.



Pathogen coverage

CDI

- C. difficile* GDH
- C. difficile* Toxin A/B

IDENTIFY

C. difficile by detecting GDH

CONFIRM

infection by detecting toxins A/B

BROADEN

pathogen coverage with the Gastro test

Gastro

- Norovirus GII.4
- Norovirus GI
- Rotavirus
- Adenovirus
- Campylobacter spp.

Time to result

20 min

2 h

Positives

Low positives and negatives

Performance

Test	Analyte	Sensitivity (N)	Specificity (N)	Reference test
CDI	<i>C. difficile</i> GDH	100.8% (134/133)	95.2% (477/501)	For sensitivity: Membrane enzyme immunoassay (MEI)
	<i>C. difficile</i> toxins A/B	120% (78/65)	99.2% (519/523)	For specificity: Toxigenic culture
Gastro	Norovirus GII.4	> 100% (31/30)	99.5% (380/382)	Lateral flow test
	Norovirus GI	NA	99.5% (426/428)	Lateral flow test
	Rotavirus	100% (4/4)	99.8% (646/647)	Lateral flow test
	Adenovirus	100% (8/8)	99.5% (639/642)	Lateral flow test
	Campylobacter spp.	> 100% to LF (19/18) 91% to culture (20/22)	97.5% (268/274)	Lateral flow (LF) test and Bacterial culture

¹ Savolainen R, et al. (2020) J Clin Microbiol. 58(4):e01872-19.

² Krutova M, et al. (2019) J Clin Microbiol. 57(10):e00710-19.