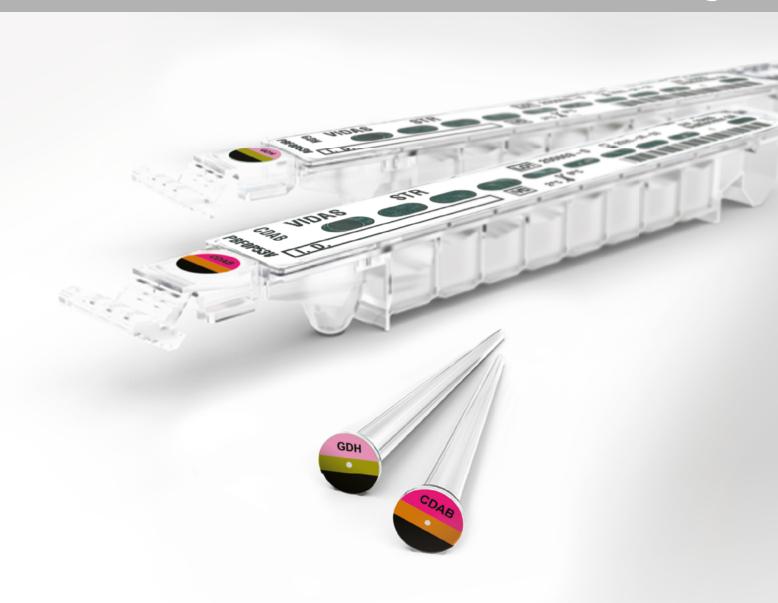


# VIDAS® C. difficile GDH VIDAS® C. difficile TOXIN A & B

Optimize your antibiotic stewardship approach to Clostridioides difficile infection testing



## Did you know?



Classed as worldwide threat – between 1/6 and 1/16 patients die by Day 30 after diagnosis of Clostridioides difficile infection (CDI)<sup>1,2</sup>



Typical cost per primary CDI episode - \$10,000/case<sup>3</sup>



46% reduction in CDI cases through an Antimicrobial Stewardship Program<sup>4</sup>

## Fighting Antibiotic Resistance: CDI Diagnosis is Key

C. difficile causes diarrheal infections and is highly transmissible.

Preventing transmission and controlling outbreaks as well as giving the appropriate antimicrobial treatment to the patient requires.

Relying on clinical diagnosis alone to make a diagnosis of CDI is not sufficient<sup>5</sup>



"Absence of clinical suspicion and use of sub-optimal laboratory diagnostic methods mean that an estimated 40 000 inpatients with CDI are potentially undiagnosed each year in 482 European hospitals."

Davies et al. 2014

#### **Antimicrobial Stewardship Programs** can reduce the risk of CDI<sup>6</sup> by implementing:

- Early, cost-efficient testing that helps avoid over-diagnosis: 2- or 3-step diagnostic algorithm that includes a fecal toxin text method<sup>7</sup>
- Optimized antibiotic use: reduce frequency & duration of infection, limit use of treatments with higher CDI risk, treat according to local epidemiology & strain types 8
- Prompt patient isolation & infection control measures



"Less than 50% of 500 European hospitals were using optimum" testing methods for CDI as defined by European guidelines." Crobach et al., 2016

## VIDAS® C. difficile GDH and VIDAS® C. difficile TOXIN A & B

### Optimize your Antibiotic Stewardship approach to Clostridioides difficile infection testing

#### VIDAS® C. difficile GDH assay:

a qualitative test for the detection of C. difficile antigen in stool specimens from patients suspected of having CDI.

#### VIDAS® C. difficile TOXIN A & B assay:

a qualitative test for the detection of *C. difficile* toxin A and toxin B in stool specimens from patients suspected of having CDI.

on positive samples

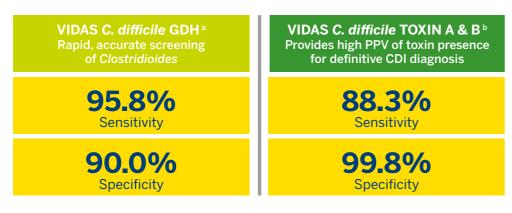
Both tests can be used on-demand on the VIDAS® family of instruments.



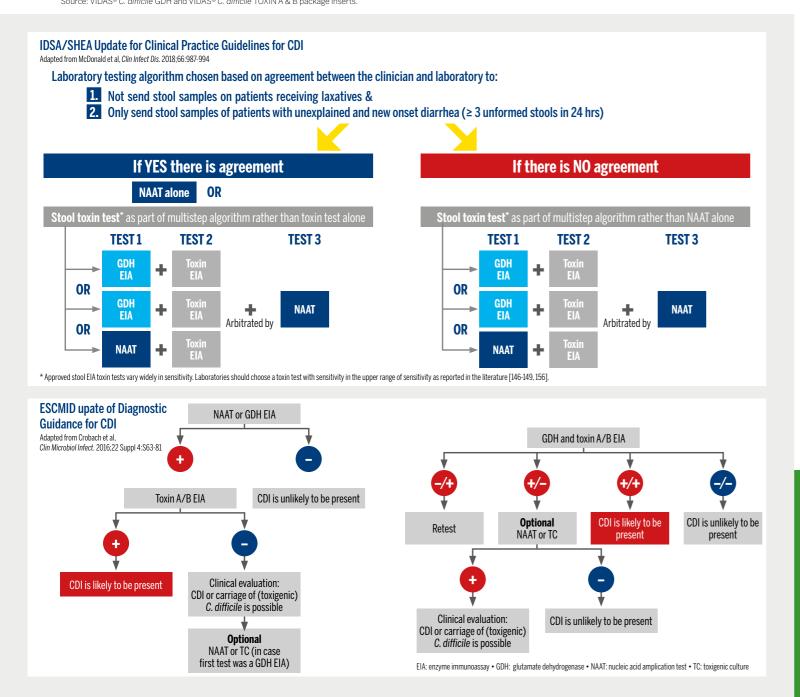


## VIDAS® C. difficile GDH and VIDAS® C. difficile TOXIN A & B

→ Greater clinical value for clinicians: actionable results due to excellent clinical performance



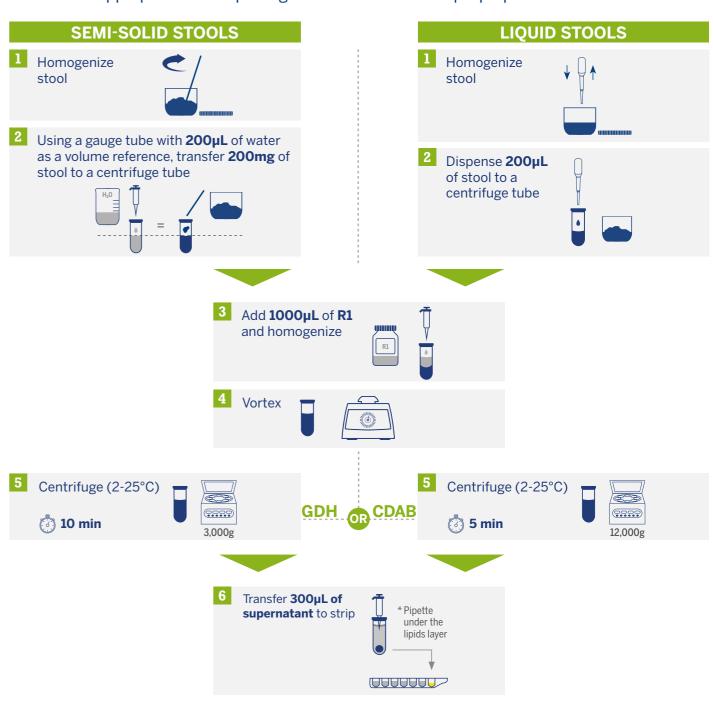
 $<sup>^{\</sup>rm a}$  Compared to Bacterial Culture CCFA.  $^{\rm b}$  Compared to Cellular Cytotoxicity Assay. Source: VIDAS® C. difficile GDH and VIDAS® C. difficile TOXIN A & B package inserts.





#### Sample Preparation Quick Guide

Refer to the appropriate VIDAS package insert for the full sample preparation instructions



#### bioMérieux's complete C. difficile solution:

















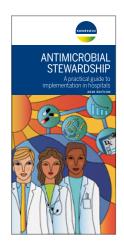


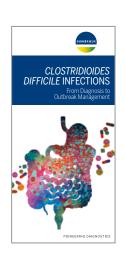
## **AVAILABLE ON** INSTRUMENTS OF THE VIDAS® FAMILY: VIDAS®, MINI VIDAS® AND VIDAS® 3



TECHNICAL SPECIFICATIONS	VIDAS <sup>®</sup> C. difficile GDH	VIDAS° C. difficile TOXIN A & B
Reference	30125	30118
Tests/kit	60	60
Sample type	Fecal specimen	Fecal specimen
Sample volume	200 μL	200 μL
Sample volume after pre-treatment	300 μL	300 μL
Calibration frequency	28 days	14 days

TWO EDUCATIONAL BOOKLETS are available for more information on Clostridioides difficile infection and Antimicrobial Stewardship





See package insert for more details

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  Davey P, Marwick CA, Scott CL, Charani E, McNeil K, Brown E, Gould IM, Ramsay CR, Michie S. Cochrane Database Syst Rev. 2017;2:CD003543.

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  9. McDonald LC, Gerding DN, Johnson S, *et al.* Clin Infect Dis. 2018.

  10. Ticehurst JR, Aird DZ, Dam LM, Borek AP, Hargrove JT, Carroll KC. J Clin Microbiol. 2006;44(3):1145-1149.