



## Novodiag® *C. difficile* Assay

Fully-automated, on-demand testing that enables fast diagnosis of *C. difficile* infections (CDI).

### Easy to use solution with PCR performance.

The **Novodiag® *C. difficile* assay**, performed with the Novodiag System, is a cartridge-based **molecular test** for qualitative detection of pathogenic *Clostridium difficile* strains producing toxin B. The test uses **stool samples** from patients (**without preservatives or in FecalSwab™**).



#### Pathogenic strains

The assay detects the gene *tcdB*, coding for toxin B, a virulence factor expressed by most pathogenic *C. difficile* strains.



#### Rapid & safe results

The Novodiag rapid 'sample-in, result-out' system, allowing the fully automated detection of *C. difficile* in less than 1 hour.



#### Performance

In a retrospective study:

**Sensitivity:** 94.0% (100%\*)

**Specificity:** 99.3% (100%\*)

\* After discrepancy analysis, sensitivity and specificity of 100%



#### User-friendly precision engineering

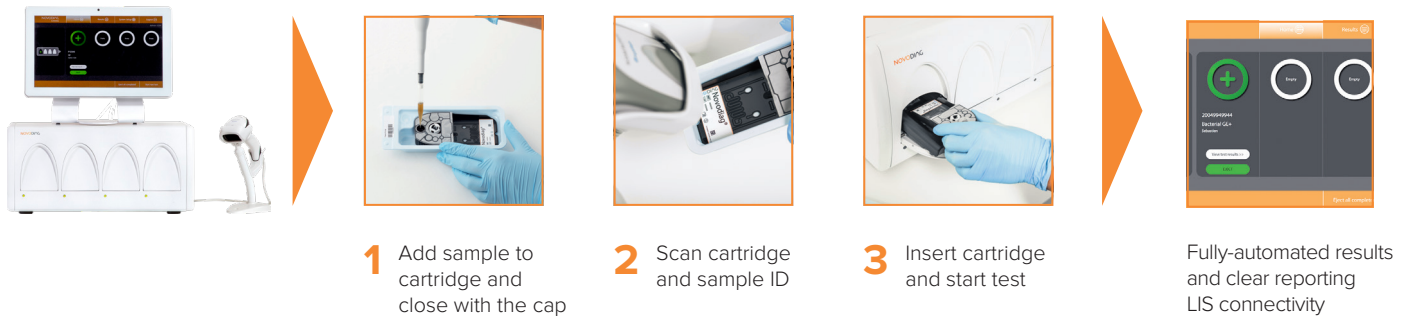
The user-friendly nature of the system means that the Novodiag system can be **easily implemented in decentralised settings** as well as high risk and hard to reach areas without the need for highly trained personnel.

### Cartridge



**Sample type:** Stool  
**Time to result:** 52min  
**Target:** *tcdB*

## Designed for a practical workflow



Features	Advantages & Benefits
Detection of tcdB gene	Detection of pathogenic strains, producing toxin B
Results in less than 1h	Fast diagnosis and infection control implementation Time and cost effectiveness Improved patient outcome
On-demand testing	Improved workflow and time to results Increased lab revenue
Fully-automated workflow	Better reproducibility, precision and productivity

## Ordering information

Novodiag® Hospital-acquired Infections Assay	Items	Quantity	Catalogue number
Novodiag <i>C. difficile</i> assay	Integrated sample to result cartridge	12 Tests cartridge	NVD-CD-012

## SMART SIMPLICITY in on-demand testing

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