Reliable and rapid OneStep detection of toxigenic *C. difficile* without re-testing

Greiner Bio-One adds another CE-IVD certified molecular test to the Genspeed® test portfolio for nosocomial infections.

Kremsmünster, Austria

The portfolio of CE-IVD certified molecular diagnostic tests of Greiner Bio-One for the detection of nosocomial infections is growing. The Genspeed® C.diff OneStep test identifies toxigenic *C. difficile* by combining detection of Glutamatdehydrogenase (GDH), Toxin A, Toxin B and binary toxin in a single, molecular diagnostic test. The complete analysis including the detection on the Genspeed® R2 Analyzer takes under 100 min*.

The new test addresses one of the most serious threats to health care systems worldwide, the infection with *Clostridium difficile* infections (CDI), which is believed to be the most common healthcare-associated infection. The disease is causing antibiotic-associated diarrhoea (AAD) that may lead to pseudomembranous colitis and even to death¹. In a 2013 published report, the Center for Disease Control (CDC) in the USA categorized *C. difficile* infections as “Threat Level Urgent”, the highest level available².

**OneStep ahead – a new way to detect *C. difficile***

The Genspeed® C.diff OneStep test features a simple, one-step molecular diagnostic test following the motto “OneStep - one test - four results”. The test is avoiding the currently used sequential 2-step diagnostic test procedures, which combine different test systems and assay principles for GDH and the *C. difficile* toxins. The rapid Genspeed® C.diff OneStep test provides conclusive results without the need for confirmatory re-testing and enables inter-laboratory comparisons of test results.

Ready-to-use reagents and automated dispensing minimize the number of manual process steps within the workflow. The Genspeed® R2 Analyzer represents a reliable solution for customers interested in fast and accurate results. The virtually service-free system is simple to operate and is available at an attractive cost-benefit ratio.

**Literature:**


(*) Time can vary with validated PCR-cycler used

**Disclaimer:** All Genspeed® products are currently available for sales in the EU and EFTA countries only. Not for sales in the U.S.A. Availability in other countries on request.
Greiner Bio-One International GmbH

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Genspeed® R2 Analyzer and Genspeed® C.diff OneStep Test
Picture: © Greiner Bio-One

YouTube: http://youtu.be/pAB29WvSG9Y

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