

Clostridium difficile TOXIN A + TOXIN B

CerTest
BIOTEC

Pathogen and product description

Clostridium difficile is the most frequent cause of diarrhoea (35% episodes) and 65-70% cases of colitis associated with the use of antibiotics. Furthermore, it is associated with 95-100% of cases of pseudomembranous colitis. *Clostridium difficile* is the main cause of morbidity and mortality in nosocomial infections throughout the world.

Clostridium difficile can release two high molecular weight toxins (A and B) that are responsible for the infection's clinical symptoms, which range for mild, watery, self-limiting diarrhoea to pseudomembranous colitis or even toxic megacolon to death.

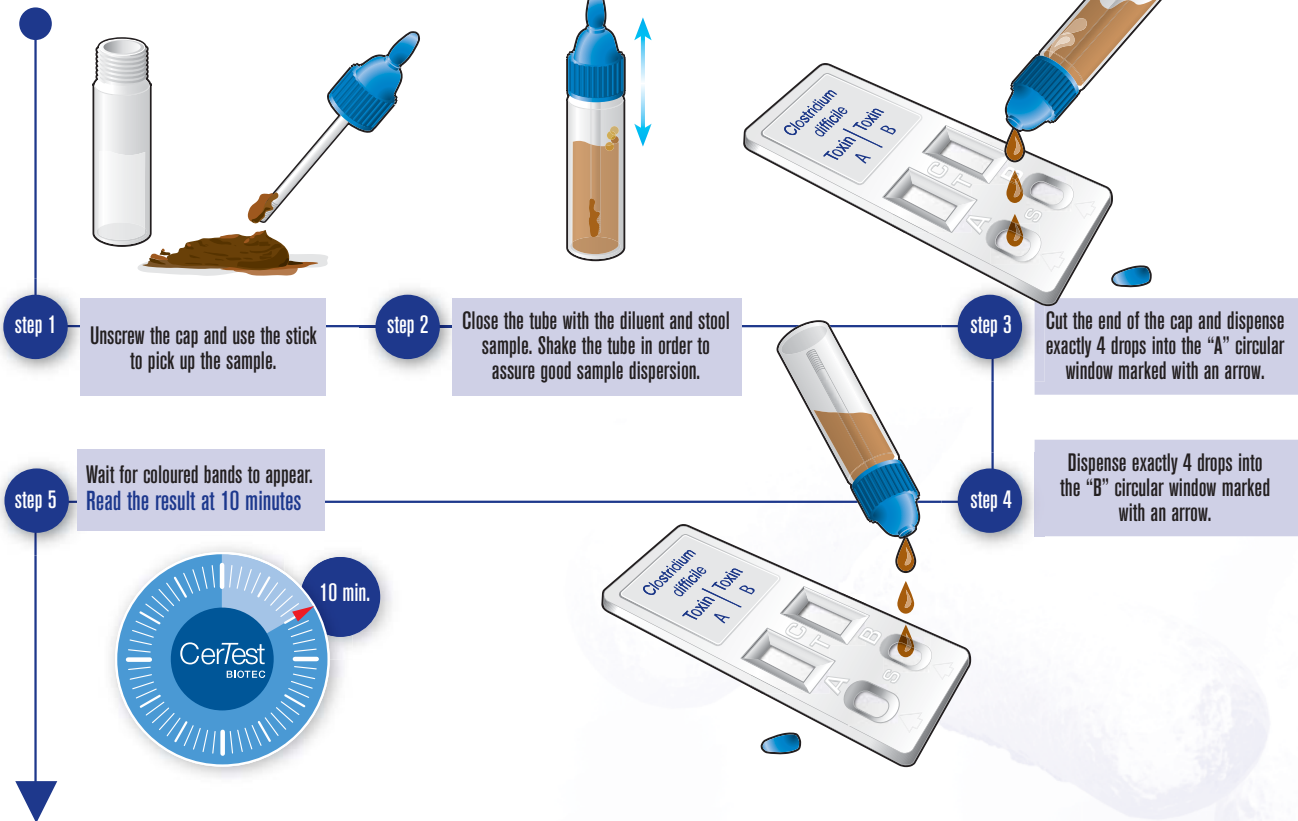
The **CERTEST** test for Toxin A + Toxin B enables to the simultaneous detection of toxins.



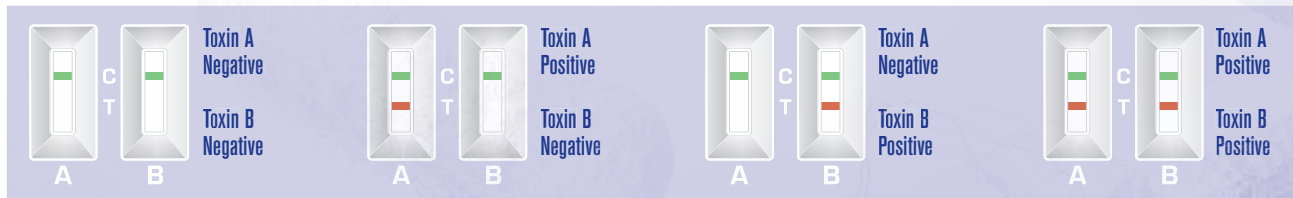
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Test procedure



Interpretation of the results



Clinical Sensitivity and Specificity

IC test: CerTest Clostridium difficile Toxin A+B	IC test: C. DIFF QUIK CHEK Complete®		
	+	-	Total
+	6	0	6
-	0	44	44
Total	6	44	50

	Sensitivity	Specificity	PPV	NPV
CerTest Clostridium difficile Toxin A+B vs C. DIFF QUIK CHEK Complete®	>99%	>99%	>99%	>99%



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