



Anti-C. difficile Toxin A Polyclonal antibody (DPAB3469)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Clostridium Difficile Toxin A antigen.
Antigen Description	Clostridium difficile toxin A is a toxin generated by Clostridium difficile. It is similar to Clostridium difficile Toxin B. It is usually described as an enterotoxin, but it also has some activity as a cytotoxin.
Specificity	Reactive with proteins from common Clostridia species.
Target	C. difficile Toxin A
Immunogen	Extract of Cl. perfringens, Cl. sordellii, Cl. novyi, Cl. septicum, Cl. chauvoei
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	C. difficile
Purification	Purified IgG fraction.
Conjugate	Unconjugated
Applications	ELISA Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Buffer	0.01 M PBS, pH 7.2
Preservative	0.1% Sodium Azide

Storage 2-8°C short term; -20°C long term.

BACKGROUND

Introduction Clostridium difficile, or C. difficile, a gram positive anaerobic bacterium, is the major causative agent of colitis and diarrhoea that can occur following antibiotic intake. C. difficile infection is one of the most common hospital acquired infections. When C. difficile colonize the gut, they release two potent toxins, toxin A and toxin B, which bind to certain receptors in the lining of the colon and ultimately cause diarrhoea and inflammation of the large intestine.

Keywords tcdA; toxA
