



Magic™ Anti-C. difficile Toxin A polyclonal antibody (CABT-B1970)

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

PRODUCT INFORMATION

Target	C. difficile Toxin A
Immunogen	Toxin A from Clostridium difficile
Isotype	IgY
Source/Host	Chicken
Species Reactivity	C. difficile
Purification	Affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA, sELISA
Concentration	Store this product at 2-8°C
Size	100µg
Buffer	PBS, pH 7.4 with 0.075% azide
Preservative	0.075% Sodium Azide
Storage	Store this product at 2-8°C

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.