

## Product datasheet for **AM00674PU-N**

### **Clostridium difficile Toxin A Mouse Monoclonal Antibody [Clone ID: BDI517]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	BDI517
Applications:	ELISA
Recommended Dilution:	<b>ELISA.</b>
Reactivity:	Clostridium difficile
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified <i>C. difficile</i> toxoid A. <b>Source:</b> Ascites.
Specificity:	Specific for toxin/toxoid A of <i>Clostridium difficile</i> . Does <b>not</b> cross react with <i>C. difficile</i> toxin B, tetanus toxoid, <i>Pseudomonas aeruginosa</i> and <i>Yersinia enterocolitica</i> .
Formulation:	0.01M PBS, pH 7.2 State: Purified State: Liquid purified IgG fraction (> 90% pure) Stabilizer: None Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">P16154</a>



[View online »](#)

**Background:**

*Clostridium difficile* is a gram-positive motile bacterium which is the leading cause of diarrhoea in developed countries. The incidence of disease in humans varies greatly with age, spore density and the administration of antibiotics.

Toxin A (TcdA) is a large exotoxin which is an essential virulence factor for *C. difficile* infection. TcdA has a molecular weight of 308kD and is a glucosyltransferase, which irreversibly inactivates the Ras family of small GTPases to disrupt many important signalling pathways.

**Synonyms:**

toxA, tcdA

**Note:**

Centrifuge before opening to ensure complete recovery of vial contents.