

## Product datasheet for **AM00675PU-N**

### **Clostridium difficile Toxin A Mouse Monoclonal Antibody [Clone ID: BDI555]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	BDI555
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>



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**Background:**

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.

**Synonyms:**

toxA, tcdA