

Rabbit CLOSTRIDIUM DIFFICILE TOXIN A Polyclonal Antibody | anti-toxA antibody

RABBIT ANTI CLOSTRIDIUM DIFFICILE TOXIN A

CATALOG # AAA49852	HOST Rabbit	APPLICATIONS ELISA
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PRODUCT SYNONYMS

CLOSTRIDIUM DIFFICILE TOXIN A; Polyclonal Antibody; RABBIT ANTI CLOSTRIDIUM DIFFICILE TOXIN A; anti-toxA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Liquid
Concentration	IgG concentration 5.0mg/ml (varies by lot)
Sequence Length	2710
Applicable Applications for anti-toxA antibody	ELISA
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Preparation	Purified IgG prepared by affinity chromatography on Protein G.
Immunogen	Synthetic peptide corresponding to the amino acids 2123 - 2132 of the native molecule conjugated to Keyhole limpet Haemocyanin. Peptide sequence: CTIDGKKYYFN
Buffer Solution	Phosphate buffered saline
Target Species	Bacterial
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

ADDITIONAL INFORMATION

Related Product Information for anti-toxA antibody	MBS220533 is specific for Clostridium difficile Toxin A, 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1351266
UniProt Accession #	P16154
NCBI Official Full Name	Toxin A
UniProt Protein Name	Toxin A

UniProt Gene Name	toxA
UniProt Synonym Gene Names	tcdA
UniProt Entry Name	TOXA_PEPDI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/clostridium-difficile-toxin-a-antibody-elisa/49852>