

Product Datasheet

Clostridium Difficile Toxin A Antibody - BSA Free NB100-62473

Unit Size: 0.5 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-62473**Clostridium Difficile Toxin A Antibody - BSA Free****Product Information**

Unit Size	0.5 ml
Concentration	5.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS

Product Description

Host	Rabbit
Species	Bacteria
Specificity/Sensitivity	NB100-62473 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.
Immunogen	Synthetic peptide corresponding to the amino acids 2123 - 2132 of the native molecule conjugated to Keyhole limpet Haemocyanin. Peptide sequence: CTIDGKKYYFN

Product Application Details

Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA 1:100-1:2000
Application Notes	Use in Western blot reported in scientific literature (PMID: 27246573).

Publications

Nawrocki KL, Edwards AN, Daou N et al. CodY-dependent Regulation of Sporulation in Clostridium difficile. J. Bacteriol. 2016-05-31 [PMID: 27246573] (WB)





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Products Related to NB100-62473

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
8619-GT-020	Clostridium Difficile Toxin A [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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