

Mouse Clostridium botulinum Type A Toxoid Monoclonal Antibody

MAb to C. botulinum A Toxoid

CATALOG # AAA57678	HOST Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Clostridium botulinum Type A Toxoid; Monoclonal Antibody; MAb to C. botulinum A Toxoid; Monoclonal Antibody to Clostridium botulinum Type A Toxoid; anti-Clostridium botulinum Type A Toxoid antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	<u>Cross-reactivity:</u> A Toxoid 100% B Toxoid 11.0% E Toxoid 49.0%
Purity/Purification	>=95% pure (SDS-PAGE). Protein G chromatography
Form/Format	Purified, Liquid
Concentration	3.3 mg/ml (OD280nm, E ^{0.1%} = 1.4) (varies by lot)
Applicable Applications for anti-Clostridium botulinum Type A Toxoid antibody	ELISA
Source	Ascites
Immunogen	Formaldehyde-inactivated Clostridium botulinum A Toxoid
Affinity Constant	Not determined
Buffer	Phosphate Buffered Saline, pH 7.4
Preservative	0.09% Sodium azide
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Warnings	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 - 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at 2 to 8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-Clostridium botulinum Type A Toxoid antibody	MAb to C. botulinum A Toxoid Monoclonal Antibody to Clostridium botulinum Type A Toxoid
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Product Categories/Family for anti-Clostridium botulinum Type A Toxoid antibody	Monoclonal Antibodies to Infectious Agents and Toxins
References	Femtogram-level detection of Clostridium botulinum neurotoxin type A by sandwich immunoassay using nanoporous substrate and ultra-bright fluorescent suprananoparticles. Sangho Bok, Venumadhav Korampally, Charles M. Darr, William R. Folk, Luis Polo-Paradae, Keshab Gangopadhyaya, Shubhra Gangopadhyay (2013)

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://stage.aaabiotech.com/monoclonal/clostridium-botulinum-type-a-toxoid-antibody-elisa/57678>