

Polyclonal Anti-*Clostridium botulinum* Neurotoxin A1 (antiserum, Sheep)

Catalog No. NR-9584

This reagent is the property of the U.S. Government.

For research use only. Not for human use.

Contributor:

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Product Description:

Polyclonal antiserum to *Clostridium botulinum* (*C. botulinum*) neurotoxin was produced by immunization of sheep with type A1 neurotoxin and toxoid. The serum consists of a pool of bleeds obtained throughout the immunization protocol from a single animal. **NR-9584 has not been sterile-filtered.**

Material Provided:

Each vial contains approximately 1 mL of NR-9584.

Packaging/Storage:

NR-9584 was packaged in cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival.

Functional Activity:

NR-9584 reacts with *C. botulinum* neurotoxin type A1 in a standard ELISA. NR-9584 cross-reacts with *C. botulinum* neurotoxin type A2. NR-9584 contains a high titer of neutralizing antibody. Applications: ELISA, *in vivo* mouse bioassay.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Polyclonal Anti-*Clostridium botulinum* Neurotoxin A1 (antiserum, Sheep), NR-9584."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm.

Disclaimers:

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