**Polyclonal Anti-**Clostridium botulinum** Neurotoxin A2 (antiserum, Sheep)**

**Catalog No. NR-13613**
This reagent is the property of the U.S. Government.

**For research use only. Not for human use.**

**Contributor:**
Jean Mukherjee, Ph.D., D.V.M., Department of Biomedical Sciences, Tufts Cummings School of Veterinary Medicine, North Grafton, MA

**Product Description:**
Polyclonal antiserum to *Clostridium botulinum (C. botulinum)* neurotoxin was produced by immunization of sheep with type A2 neurotoxin and toxoid. The serum consists of a pool of antisera derived from multiple collections from two sheep. NR-13613 has not been sterile-filtered.

**Material Provided:**
Each vial contains approximately 1 mL of NR-13613.

**Packaging/Storage:**
NR-13613 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-13613 reacts with *C. botulinum* neurotoxin type A2 in a standard ELISA. NR-13613 cross-reacts with *C. botulinum* neurotoxin types A1, B and E. NR-13613 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 A2 (antiserum, Sheep), NR-13613.”

**Biosafety Level: 1**

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