

Polyclonal Anti-*Clostridium botulinum* Neurotoxin D Heavy Chain Fragment (antiserum, Goat #352)

Catalog No. NR-9355

Product Description: Polyclonal antiserum to *Clostridium botulinum* (*C. botulinum*) neurotoxin was produced by immunization of a goat (#352) with a carboxy-terminal heavy chain fragment of botulinum neurotoxin (BoNT) serotype D. The serum consists of a pool of bleeds obtained throughout the immunization protocol from a single animal. **NR-9355 has not been sterile-filtered.**

Lot: 58133751

Manufacturing Date: 13NOV2005

TEST	SPECIFICATIONS	RESULTS
Functional Activity Western blot ^{1,2} <i>C. botulinum</i> neurotoxin type D toxoid ³ Bovine serum albumin (BSA) ELISA assay ^{4,5}	Reactive Not reactive Reactive	Reactive Not reactive Reactive
Concentration (Bradford assay with BSA as standard)	Report results	46 mg/mL
Sterility	Report results	Low bioburden

¹Recommended dilution for western blot is 1:1000.

²Toxoid monomer is ~ 150 kDa. The procedure for generating toxoid results in monomer, dimer and trimer forms.

³Metabionics, Inc.

⁴Recommended dilution for ELISA is ≥ 1:5000.

⁵Assay completed at Batelle Biomedical Research Center.

Date: 09 JUL 2008

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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