

Polyclonal Anti-*Clostridium botulinum* Neurotoxin B Heavy Chain Fragment (antiserum, Goat)

Catalog No. NR-9354

Product Description: Polyclonal antiserum to *Clostridium botulinum* (*C. botulinum*) neurotoxin was produced by immunization of a goat with carboxy-terminal heavy chain fragments of botulinum neurotoxin (BoNT) serotype B. The serum consists of a pool of bleeds obtained throughout the immunization protocol from a single animal. **NR-9354 has not been sterile-filtered.**

Lot: 58133750

Manufacturing Date: 09JAN2005

TEST	SPECIFICATIONS	RESULTS
Functional Activity Western blot ^{1,2} (see Figure 1) <i>C. botulinum</i> neurotoxin type B toxoid Bovine serum albumin (BSA) Immunofluorescence assay ³ Mouse toxin neutralization assay ⁴	Reactive Not reactive Reactive Report titer	Reactive Not reactive Reactive 6 U/mL
Concentration (Bradford assay with BSA as standard)	Report results	47.3 mg/mL
Sterility	Report results	Low bioburden

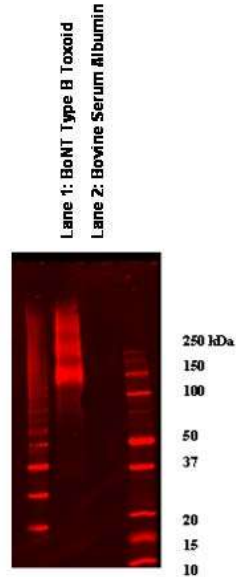
¹Recommended dilution for western blot is 1:4000

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

³Recommended dilution for immunofluorescence is 1:1000

⁴Assay completed at Batelle Biomedical Research Center

Figure 1



Date: 17 JUN 2008

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contributor or ATCC[®] to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

ATCC[®] is a trademark of the American Type Culture Collection.
You are authorized to use this product for research use only. It is not intended for human use.

