

Polyclonal Anti-*Bacillus anthracis* Exosporium Basal Layer Protein BxpB (Locus_Tag: BA_1237), (immunoglobulin G, Rabbit)

Catalog No. NR-12133

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

Product Description: Polyclonal antiserum to exsoporium basal layer protein BxpB (locus_tag: BA_1237) of *Bacillus anthracis* (*B. anthracis*) was produced in rabbits and purified by protein G affinity chromatography.

Lot: 58394255

Manufacturing Date: 20DEC2008

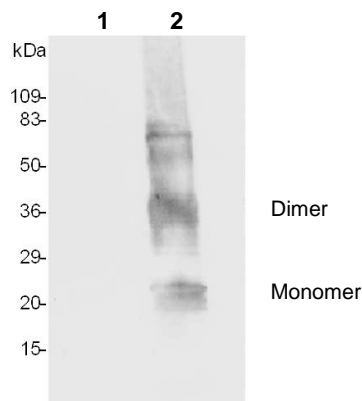
TEST	SPECIFICATIONS	RESULTS
Appearance	Clear and colorless; no particulate matter	Clear and colorless; no particulate matter
SDS-PAGE (SYPRO Orange densitometer scan)	IgG band represents > 95% of total staining intensity	IgG band represents > 98% of total staining intensity (Figure 1)
Concentration by Bicinchoninic Acid Protein Assay	Report results	0.93 mg/mL
Functional Activity Western Blot ¹ (Figure 2) Recombinant BxpB (BEI Resources NR-12132) Carbonic anhydrase ELISA titer ² (Figure 3) Recombinant BxpB (BEI Resources NR-12132) Carbonic anhydrase	Reactive Not reactive Report results Not reactive	Reactive Not reactive > 1:12800 Not reactive
Sterility	0.22 µm filter sterilized	0.22 µm filter sterilized

¹A dilution of 1:10000 of NR-12133 is recommended.

²A dilution of 1:3200 of NR-12133 is recommended.

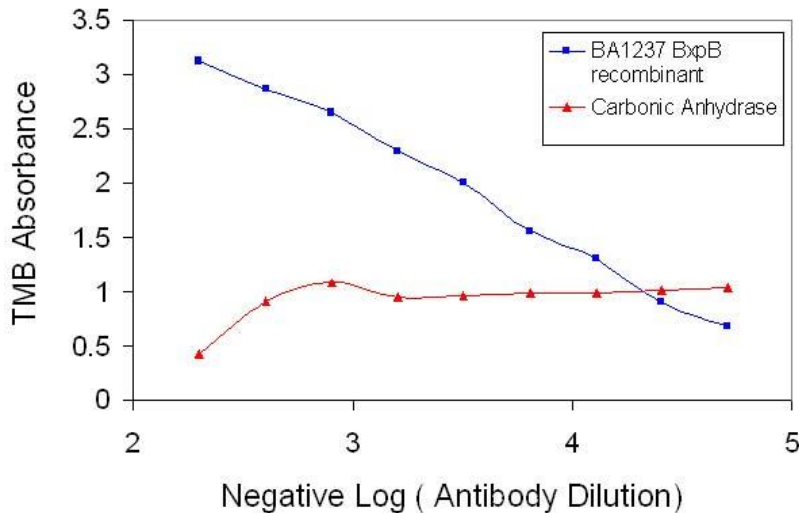


Figure 2



Lane 1: Carbonic anhydrase
Lane 2: BEI Resources NR-12133

Figure 3



Date: 04 DEC 2014

Signature:

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 contractor 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.

