

**Polyclonal Anti-*Bacillus anthracis* Superoxide Dismutase SODA-1 (Locus\_Tag: BA\_4499), (immunoglobulin G, Rabbit)**

**Catalog No. NR-10506**

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

**Product Description:** Polyclonal antibody to superoxide dismutase SODA-1 (locus\_tag: BA\_4499) of *Bacillus anthracis* (*B. anthracis*) was produced in rabbits and purified by protein G affinity chromatography.

**Lot: 58352686**

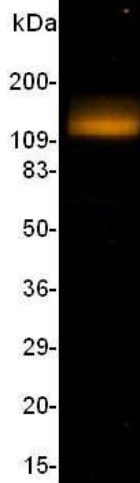
**Manufacturing Date: 02DEC2008**

TEST	SPECIFICATIONS	RESULTS
<b>Appearance</b>	Clear and colorless; no particulate matter	Clear and colorless; no particulate matter
<b>SDS-PAGE (SYPRO Orange densitometer scan)</b>	IgG band represents > 95% of total staining intensity	IgG band represents > 98% of total staining intensity (Figure 1)
<b>Concentration by Bicinchoninic Acid Protein Assay</b>	Report results	1.0 mg/mL
<b>Functional Activity</b> Western blot <sup>1</sup> (Figure 2) Recombinant SODA-1 (BEI Resources NR-10505) Carbonic anhydrase ELISA titer <sup>2</sup> (Figure 3) Recombinant SODA-1 (BEI Resources NR-10505) Carbonic anhydrase	Reactive Not reactive  Report results Not reactive	Reactive Not reactive  > 1:6000 Not reactive
<b>Sterility</b>	0.22 µm filter sterilized	0.22 µm filter sterilized

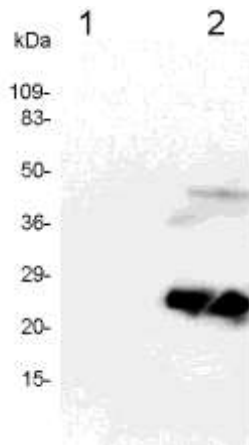
<sup>1</sup>A dilution of 1:5000 of NR-10506 is recommended.

<sup>2</sup>A dilution of 1:30000 of NR-10506 is recommended.

**Figure 1 – SDS-PAGE**

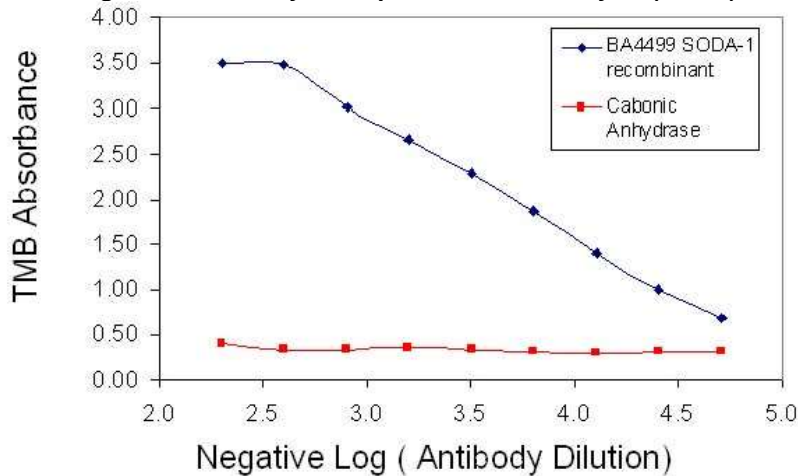


**Figure 2 – Western Blot**



**Lane 1: Carbonic anhydrase**  
**Lane 2: BEI Resources NR-10505**

**Figure 3 – Antibody Adsorption Titration Analysis (ELISA)**



**Date:** 03 DEC 2014

**Signature:**

**Title:** Technical Manager, BEI Authentication or designee

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