

Polyclonal Anti-*Bacillus anthracis* Spore Coat Protein GerQ (Locus Tag: BA_5641), (immunoglobulin G, Rabbit)

Catalog No. NR-10436

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

Product Description: Polyclonal antiserum to the spore coat protein GerQ (also YwdL; locus_tag: BA_5641) from *Bacillus anthracis* (*B. anthracis*) was produced in rabbit and purified by protein G affinity chromatography.

Lot: 58338340

Manufacturing Date: 24DEC2008

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	1 mg/mL
Functional Activity Western Blot ¹ (Figure 2) Recombinant GerQ (BEI Resources NR-10435) Carbonic anhydrase ELISA titer ² (Figure 3) Recombinant GerQ (BEI Resources NR-10435) Carbonic anhydrase	Reactive Not reactive Report results Not reactive	Reactive Not reactive > 1:3000 Not reactive
Sterility	0.22 µM filter sterilized	0.22 µM filter sterilized

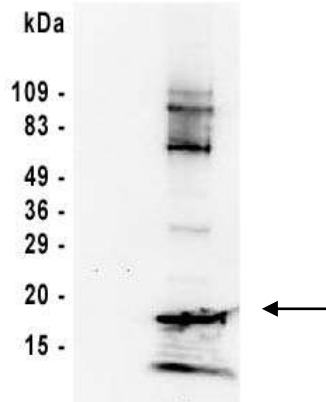
¹A dilution of 1:1500 of NR-10436 is recommended.

²A dilution of 1:5000 of NR-10436 is recommended.

Figure 1

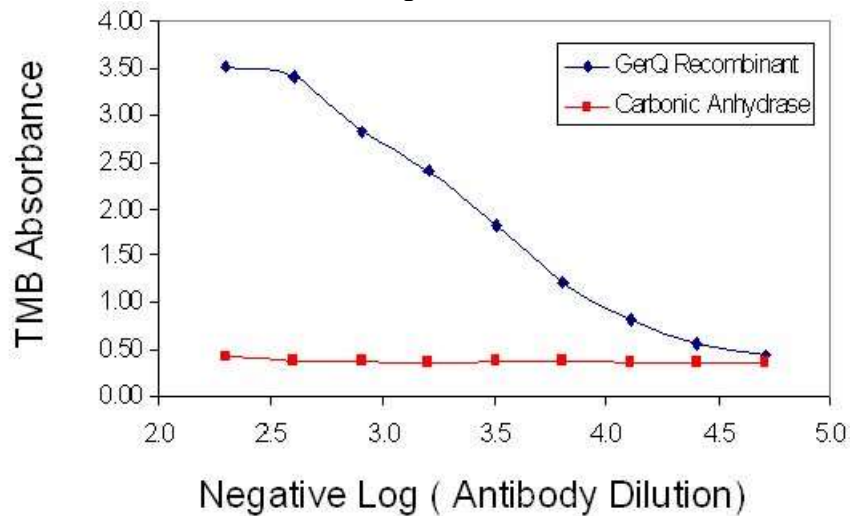


Figure 2



Lane 1: Carbonic anhydrase
Lane 2: NR-10435

Figure 3



Date: 10 APR 2009

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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