

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

Catalog No. NR-10436

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

Lot: 59637787

Manufacturing Date: 12FEB2012

TEST	SPECIFICATIONS	RESULTS
Appearance	Clear and colorless	Clear and colorless
SDS-PAGE (SYPRO Orange Densitometer Scan)	IgG band represents > 95% of total staining intensity	IgG band represents > 95% 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 > 1:10000 Not reactive
Sterility	0.22 µM filter-sterilized	0.22 µM filter-sterilized

¹A dilution of 1:15000 is recommended.

²A dilution of 1:10000 is recommended.

Date: 01 DEC 2014

Signature: 

Title: Technical Manager, BEI Authentication or designee

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Figure 1: SDS-PAGE (SYPRO Orange Densitometer Scan)

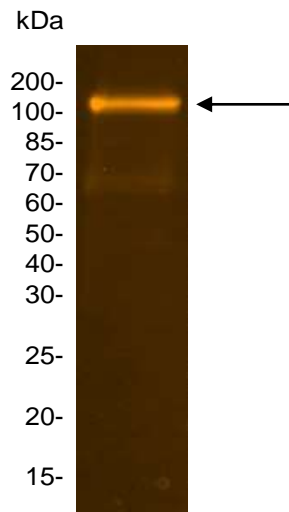
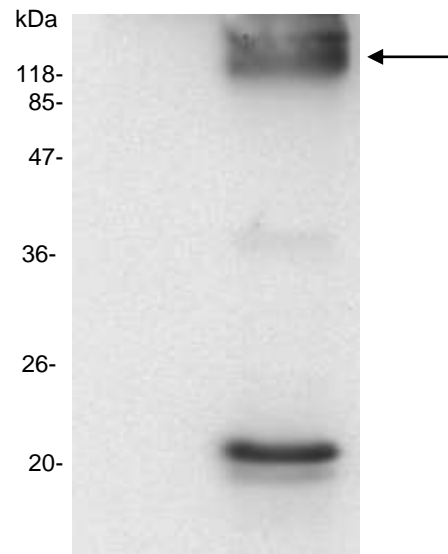
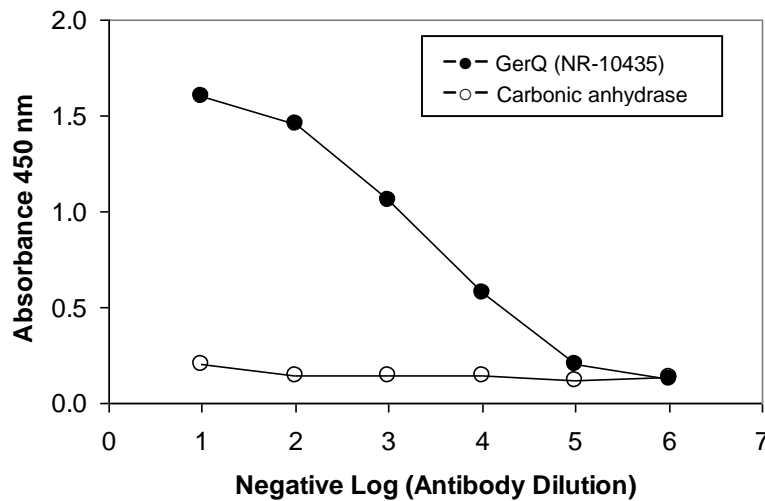


Figure 2: Western Blot



Lane 1: Carbonic anhydrase
Lane 2: NR-10436

Figure 3



Antigen absorbed on plate: Recombinant GerQ (NR-10435)
Negative control protein: Carbonic anhydrase
Primary Antiserum: Anti-GerQ (NR-10436)