Certificate of Analysis for NR-9352

Polyclonal Anti-Shiga Toxin 2 Subunit B (immune globulin G, Rabbit)

Catalog No. NR-9352

Product Description: Polyclonal immune globulin G antibody to the recombinant B subunit of Shiga toxin 2 from *Escherichia coli* was produced in rabbit and purified by caprylic acid fractionation.

Lot: 57845852 **Manufacturing Date: 15SEP2007**

TEST	SPECIFICATIONS	RESULTS
Appearance	Clear and colorless No particulate matter	Clear and colorless No particulate matter
SDS-PAGE (SYPRO Orange densitometer scan)	Report results	Immune globulin G band ~ 150 kDa, (see Figure 1)
Concentration by Bicinchoninic Acid Protein Assay	Report results	1.1 mg/mL
Functional Activity Western Blot[1] (see Figure 2) Shiga toxin 2 subunit B, recombinant Shiga toxin 2 subunit B, holotoxin Carbonic anhydrase ELISA titer[2] (see Figure 3) Shiga toxin 2 subunit B, recombinant Carbonic anhydrase Neutralization Shiga toxin 2 Shiga toxin 1	 Reactive Report results Not reactive Report results Not reactive Report results Non-neutralizing	 Reactive Reactive Not reactive > 1:10,000 Not reactive Neutralization of 7.5 CD_{50} (at 1:30 dilution) Non-neutralizing
Sterility	Filter sterilized (0.22 µM filter)	Filter sterilized (0.22 µM filter)

[1]A dilution of 1:2000 to 1:5000 is recommended.
[2]A dilution of 1:1000 is recommended.

Figure 1

Figure 2

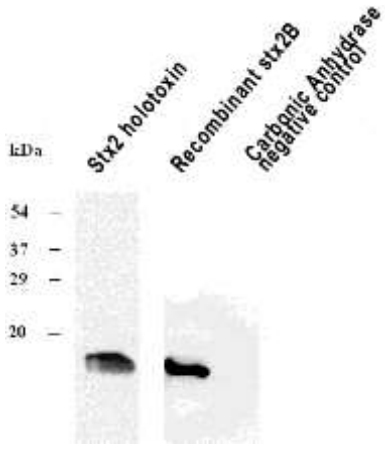
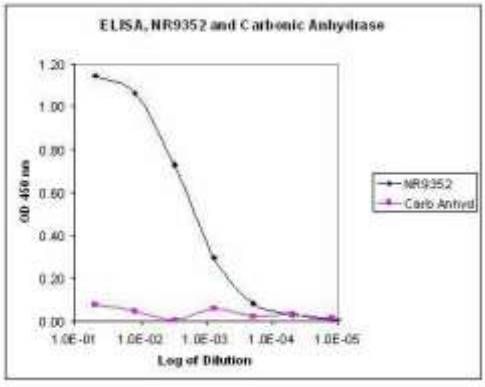


Figure 3



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Date: 15 NOV 2007 **Signature:** Signature on File

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