

Polyclonal Anti-Ricin Toxin A Chain (immune globulin G, Rabbit)

Catalog No. NR-863

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

Product Description: Polyclonal immune globulin G antibody specific to the A chain of ricin toxin was produced by immunization of rabbits with recombinant ricin A chain and was purified from serum by caprylic acid precipitation.

Lot: 5051549

Manufacturing Date: AUG2005

TEST	SPECIFICATIONS	RESULTS
Appearance	Clear and colorless No particulate matter	Clear and colorless No particulate matter
PAGE (SYPRO Orange densitometer scan)	Dominant band ~ 150 kDa > 90% pure	Dominant band ~ 150 kDa > 90% pure (see Figure 1)
Concentration by Bicinchoninic Acid Protein Assay	1 mg/mL	1 mg/mL
Functional Activity Western Blot ¹ Recombinant A chain Recombinant B chain Ricin holotoxin (reduced) ELISA titer Ricin A chain Neutralization assay Cytotoxicity assay in Vero cells (1:100 dilution of NR-863)	Reactive Not reactive Report results Report results Report results	Reactive (see Figure 2) Not reactive Reactive (see Figure 2) > 1:100,000 Neutralization of 5 CD ₅₀ s of ricin holotoxin
Absorbance Ratio (OD₂₈₀/OD₂₆₀)	≥ 1.7	1.87
Absorbance Ratio (OD₂₈₀/OD₃₁₀)	≥ 10	31
Sterility	Filter sterilized (0.22 μM filter)	Filter sterilized (0.22 μM filter)

¹A dilution range of 1:100 to 1:1000 is recommended.

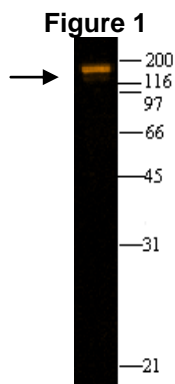
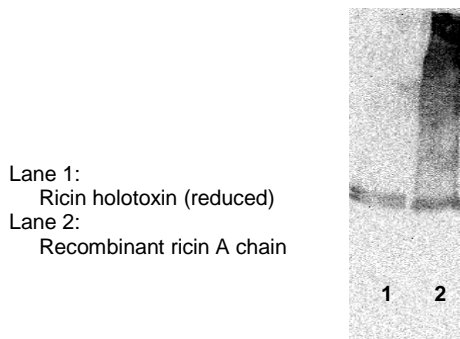


Figure 2



Date: 06 NOV 2014

Signature: 

Title: Technical Manager, BEI Authentication

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