

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

### Catalog No. NR-862

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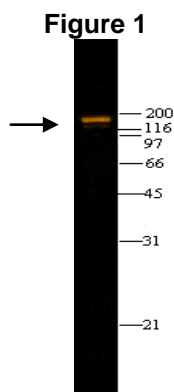
**Product Description:** Polyclonal immune globulin G antibody specific to ricin toxin was produced by immunization of rabbits with reduced and alkylated ricin holotoxin that was extracted and purified from the seeds of the castor bean plant *Ricinus communis*. The polyclonal immune globulin G antibody was purified from serum by caprylic acid precipitation.

**Lot: 5053479**

**Manufacturing Date: AUG2005**

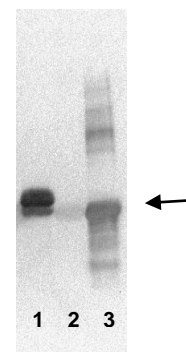
TEST	SPECIFICATIONS	RESULTS
<b>Appearance</b>	Clear and colorless No particulate matter	Clear and colorless No particulate matter
<b>SDS-PAGE (SYPRO Orange densitometer scan)</b>	Dominant band ~ 150 kDa > 90% pure	Dominant band ~ 150 kDa > 90% pure (see Figure 1)
<b>Concentration by Bicinchoninic Acid Protein Assay</b>	1 mg/mL	1 mg/mL
<b>Functional Activity</b> Western Blot <sup>1</sup> Ricin holotoxin  Staphylococcal enterotoxin B Recombinant A chain Recombinant B chain ELISA titer Ricin holotoxin (unreduced)	Reactive  Not reactive Report results Report results  Report results	Reactive with both reduced (see Figure 2) and unreduced holotoxin Not reactive Reactive (see Figure 2) Reactive (see Figure 2)  > 1:10,000
<b>Absorbance Ratio (OD<sub>280</sub>/OD<sub>260</sub>)</b>	≥ 1.7	1.9
<b>Absorbance Ratio (OD<sub>280</sub>/OD<sub>310</sub>)</b>	≥ 10	58
<b>Sterility</b>	Filter sterilized (0.22 μM filter)	Filter sterilized (0.22 μM filter)

<sup>1</sup>A dilution range of 1:100 to 1:1000 is recommended.



Lane 1:  
Ricin holotoxin (reduced)  
Lane 2:  
Recombinant ricin A chain  
Lane 3:  
Recombinant ricin B chain

**Figure 2**



**Date:** 06 NOV 2014

**Signature:** 

**Title:** Technical Manager, BEI Authentication

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