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Product #730A

CERTIFICATE OF ANALYSIS  
ANTI-BOTULINUM NEUROTOXIN TYPE A IgY  
Lot #7301A1

Contents:

Each vial of antibody contains 0.1 mg of Affinity Purified Egg derived Chicken IgY fraction in PBS, pH 7.3 with 0.075% azide. The antibodies were raised against the Heavy Chain binding domain of Botulinum Neurotoxin Type A (BTA) and purified on an antigen column.

\* There is cross reactivity of these antibodies to GST affinity tag from *S. Japonicum*.

Concentration:

1 mg/ml

Applications:

**Western Blot** - A 1:2000 dilution of the antibody was an effective probe for 0.5 µg of unreduced holotoxin or heavy chain.

**Direct ELISA** - A dilution of 1:10,000 - 12,000 was sufficient to detect a 2 µg coating of BTA.

**Each laboratory should determine an optimum working titer for use in its particular application.**

Packaging/Storage:

This product is supplied as a liquid. Store product at 4°C.

Handling:

**Good laboratory technique should be employed in the safe handling of this product. This requires observing the following practices:**

- 1. Wear appropriate laboratory attire including a lab coat, gloves and safety glasses.**
- 2. Do not mouth pipette, inhale, ingest or allow to come into contact with open wounds. Wash thoroughly any area of the body which comes into contact with the product.**
- 3. Avoid accidental autoinoculation by exercising extreme care when handling in conjunction with any injection device.**

Continued

4. This product is intended for research purposes by qualified personnel only. It is not intended for use in humans or as a diagnostic agent. List Biological Laboratories, Inc. is not liable for any damages resulting from the misuse or handling of this product.

**FOR RESEARCH PURPOSES ONLY. NOT FOR HUMAN USE.**

Approved: \_\_\_\_\_ Date: \_\_\_\_\_ Approved: \_\_\_\_\_ Date: \_\_\_\_\_