CERTIFICATE OF ANALYSIS
ANTI-*B.anthracis* LETHAL FACTOR (LF-A), IgY ANTIBODY, BIOTINYLATED
Lot #7681A1

Contents

Each vial contains 0.1 mg of biotinylated IgY antibody in 100 µl of PBS, pH 7.4 with 0.005% thimerosal and 50% glycerol. The antibody was raised against *B.anthracis* lethal factor, product #169. The antibody was affinity purified and then labeled with biotin. **Handle product gently. Do not vortex.**

Concentration

1mg/ml

Applications

Sandwich ELISA – This biotinylated anti-*B. anthracis* lethal factor, IgY (product #768) can be paired with the anti-*B. anthracis* lethal factor, IgY (product #769) in a standard sandwich ELISA. A 1 µg coating of the product #769 antibody is used as the capture antibody followed by exposure to the antigen, product #169. The antigen is detected using a 1:1000 – 1:2000 dilution of the biotinylated IgY, product #768 with peroxidase conjugated neutravidin™ and a fluorogenic substrate. The midpoint of the binding curve is approximately 170 ng/ml. As low as 2.5 ng/ml of antigen is readily detected in the assay.

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

Packaging and Storage

This product is supplied as a liquid. Store this product at 2-8°C.

Handling

Good laboratory technique should be employed in the safe handling of this product. Wear appropriate laboratory attire including a lab coat, gloves and safety glasses.

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.

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