# LIST BIOLOGICAL LABORATORIES, INC.

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Product # 752

## CERTIFICATE OF ANALYSIS
## ANTI-*Clostridium difficile* TOXIN A ANTIBODY
## Lot #7521A2

### Contents

Each vial of antibody, when reconstituted with 500 µl of water, contains 0.5 ml of goat antisera to *C. difficile* Toxin A. Allow 5-10 minutes at room temperature for complete hydration.

### Applications

**Direct ELISA** – The antibody titer, measured at the midpoint, was 1:20,000 using a 2 µg coating of *C. difficile* Toxin A (Prod #152).

**Sandwich ELISA** – This goat antisera to *C. difficile* Toxin A can be paired with the chicken anti-*C. difficile* Toxin A antibodies, Prod. #753, the latter used as the capture antibody, to detect low levels of the Toxin A antigen (Prod. #152). For example, a 1 µg coating of Prod. #753 followed by exposure to the antigen and a 1:1,000 dilution of the goat antisera gives a midpoint of approximately 40 ng/ml. As low as 1 ng/ml of antigen is readily detected using a standard chromogenic substrate.

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

### Packaging and Storage

This product is supplied as a lyophilized powder which has been stoppered under vacuum. Store lyophilized vials at 2-8°C. Once reconstituted, aliquot and store the product at -20°C. Refrain from multiple freeze/thaw cycles.

### Handling

This product is not known to be hazardous. 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. Nitrile gloves are recommended when handling lyophilized material.

This product is intended for research purposes 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.

Production: TC  Date: 8/21/12     Management: NS Date: 8/21/12     QA/QC: ƩƖ Date: 8/21/12