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Product #781

CERTIFICATE OF ANALYSIS
ANTI-PROTECTIVE ANTIGEN
from *B. anthracis*, Affinity Purified
Lot #7811A1

Contents

Each vial of affinity purified anti-Protective Antigen IgG (Goat) contains 0.1 mg of the polyclonal antibody in 100 μ l of PBS, pH 7.4 with 0.05% sodium azide. The 1 mg/ml concentration was determined by absorption at 280 nm using an extinction coefficient of 1.35 for a 0.1% solution.¹
Handle the product gently; do not vortex.

Antitoxin Titer

The midpoint of the dose response curve is 70 ng/ml by ELISA using a 2 μ g coating of Protective Antigen, Product #171.

Applications

Western Blot - A 1:5000 dilution of the antibody detects as low as 60 ng of Protective Antigen, Product #171.

Direct ELISA - A 2 μ g coating of Protective Antigen, Product #171 can be detected with 5 ng/ml of the affinity purified antibody.

Each laboratory should determine the optimum working titer for use in each application.

Packaging/Storage

This product is supplied as a liquid. Store 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. 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.

Reference

1. Semenova, V.A., Steward-Clark, E., Stamey, K.L., Taylor Jr., T.H., Schmidt, D.S., Martin, S.K., Marano, N. and Quinn, C.P. (2004), *Clin. Diagn. Lab. Immunol.*, **11**, 919-923.

Production: KS Date: 6/14/12 Mgmt: ALS Date: 6/14/12 QA/QC: YLF Date: 6/14/12