

BacTrace® Antibody
Goat anti- β O121
Peroxidase Labeled



Catalog No. **Size**
04-95-95 **0.1 mg**

DESCRIPTION

Affinity purified antibody isolated from a pool of serum from goats immunized with *Escherichia coli* O121 was labeled with peroxidase by the periodate method of Nakane and Kawaoi (1).

FORM/STORAGE

Lyophilized. Store at 2-8 °C until rehydrated. Stable for a minimum of 1 year when stored at 2-8 °C.

STABILIZER AND PRESERVATIVE

Goat serum is added as a protein stabilizer. No preservative added. Additional biological protection may be provided with 0.1% Microcide-III. **DO NOT USE Procedure Rehydration**

SUGGESTED WORKING DILUTIONS

Optimal working concentrations should be determined experimentally. Prepare working dilution in TBS or other solution such as 1X Detector Block or 1% BSA Diluent Block (see RELATED PRODUCTS) immediately before use. These buffers are not recommended for long term storage.

Suggested starting dilutions are as follows. In many cases, the antibody may be diluted further than indicated.

ELISA:

1:1000 - 1:5000 0.1µg/mL - 0.02µg/mL

Blotting:

1:1000 - 1:5000 0.1µg/mL - 0.02µg/mL

Histo/Cytochemical Procedures:

1:50 - 1:500 2.0µg/mL - 0.2µg/mL

REFERENCES

1. Nakane, PK., and Kawaoi, A. (1974). *Histochem. Cytochem.* 22:1084.

PRODUCT SAFETY AND HANDLING

This product is considered non-hazardous as defined by The Hazard Communication Standard (29 CFR 1910.1200). Avoid contact with skin and eyes. In case of contact or spillage, clean with copious amount of water. Disposal via sanitary sewer.

RELATED PRODUCTS

- E. coli* O121:H19 Positive Control
- E. coli* O157:H7 Unlabeled Antibody
- E. coli* O111 Unlabeled Antibody
- E. coli* O26 Unlabeled Antibody
- E. coli* O103 Unlabeled Antibody
- E. coli* O145 Unlabeled Antibody
- E. coli* O121 Unlabeled Antibody
- E. coli* O45 Unlabeled Antibody
- BacTrace Antibody Labeled with DyLight 488, HRP or Biotin
- 10% BSA Diluent/Blocking Solution

_____ : Rehydrate with 1 mL of 50% glycerol. Rotate the vial until the lyophilized pellet is totally dissolved.

Storage This product may be stored either refrigerated or frozen as desired. Stable for a minimum of one year.

PodB

Rehydration Rehydrate with 1 mL of reagent quality water. Rotate the vial until the lyophilized pellet is totally dissolved.

Storage This product may be stored for up to 1 week refrigerated; thereafter, it should be stored frozen. Stable for a minimum of 1 year at -20 °C.

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