

**BacTrace<sup>®</sup>**  
**Anti-*Escherichia coli* O157:H7**  
**Peroxidase-Labeled Antibody**



**Catalog No.**      **Size**  
**04-95-90**          **0.1 mg**

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**DESCRIPTION**

Affinity purified antibody isolated from a pool of serum from goats immunized with *Escherichia coli* O157 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 SODIUM AZIDE. Non-sterile.

**ANTIBODY CONCENTRATION**

The concentration of affinity purified antibody is 0.1 mg as determined by UV absorbance at 280 nm.

**E/P RATIO**

Molar enzyme/antibody protein ratio = 4:1.

**SPECIFICITY/CROSS REACTIVITY**

Tested by ELISA techniques as applicable. This product reacts specifically with *Escherichia coli* O157.

**REHYDRATION AND STORAGE**

**Note:** Rehydration of antibodies in TBS or buffers other than those listed here is not recommended.

**Procedure A**

**Rehydration:** 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.

**Procedure B**

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

**Storage:**

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