

Fluorescein-Labeled Affinity Purified Antibody To *Salmonella* Common Structural Antigen (CSA-1) BacTrace[®] Antibodies Produced in Goat



Catalog No. Size
02-91-99 0.5 mg

DESCRIPTION

Affinity purified polyclonal IgG antibody isolated from a pool of serum collected from goats immunized with different strains of *Salmonella* and labeled with fluorescein by reaction with fluorescein isothiocyanate (FITC).

FORM/STORAGE

Lyophilized. Store at 2-8°C until rehydrated. Stable for 1 year from date of rehydration when stored as recommended.

STABILIZER AND PRESERVATIVES

Bovine serum albumin added as protein stabilizer. No preservatives added. Additional biological protection may be provided with 0.01-0.05% sodium azide. Non-sterile.

ANTIBODY CONTENT

This product contains 0.5 mg of affinity purified antibody.

F/P RATIO

Molar fluorescein/antibody protein ratio = 3-7:1.

SPECIFICITY

This antibody broadly reacts to *Salmonella* serotypes of group A, B, C, D, E, and other *Salmonella* antigen classes. The intensity of reaction may vary with the strain of *Salmonella* tested. It may also show some cross-reactivity to related *Enterobacteriaceae*.

REHYDRATION AND STORAGE:

Rehydration: Rehydrate with 1 mL reagent quality water. Dilute to desired concentration with PBS or other buffer.

Storage: This product may be stored for up to one week at 2-8°C; thereafter, it should be stored at -20°C. When frozen, product is stable for a minimum of 1 year. Avoid multiple freeze thaws.

Note: Storing the product in aliquots can help minimize freeze thaw effects.

APPLICATION

Fluorescein labeled affinity purified antibodies are excellent for most types of fluorescent antibody staining procedures. The absence of fluorescein labeled serum contaminants markedly reduces the background signal.

USE

Dilute to desired concentration with PBS or other buffer immediately before use. Mix thoroughly before use.

SUGGESTED WORKING DILUTIONS

Different assay conditions require that serial dilutions of all reagents be performed to determine optimal working concentrations. Storage at a working dilution may result in fluorochrome inactivation and loss of performance. A starting dilution of 1:10 is recommended for most applications.

RELATED PRODUCTS

Positive control, *Salmonella typhimurium*
Catalog No. 50-74-01
Unlabeled Goat Anti- *Salmonella*, CSA-1
Catalog No. 01-91-99
Peroxidase Goat Anti- *Salmonella*, CSA-1
Catalog No. 04-91-99
Phosphatase Goat Anti- *Salmonella*, CSA-1
Catalog No. 05-91-99

See the KPL catalog or visit www.kpl.com for a wide selection of bacterial antibodies, other polyclonal antibodies, substrates, immunohistochemistry, and other protein detection reagents.

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 amounts of water. Disposal via sanitary sewer.

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