

KPL BacTrace[®]

Goat anti-*Salmonella* CSA-1 Molecular Grade Antibody

Catalog No.
5310-0323 (01-91-99-MG)

Size
1.0 mg

DESCRIPTION

Affinity purified antibody isolated from a pool of serum from goats immunized with various strains of *Salmonella*. This antibody has been qualified for use in downstream applications requiring nucleic acid amplification.

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

No stabilizers or preservatives added. Non-sterile.

ANTIBODY CONCENTRATION

The quantity of affinity purified antibody is 1.0 mg as determined by UV absorbance at 280 nm.

SPECIFICITY/CROSS REACTIVITY

This product is designed to react broadly with *Salmonella enterica*. This includes serotypes of groups A, B, C, D, E, and other antigen classes. The intensity of reaction will vary depending on the serotypes of *Salmonella* tested. It may also show some cross-reactivity to related *Enterobacteriaceae*. Product is tested via ELISA techniques as applicable. No significant amplification of bacterial DNA is observed in quantitative PCR reactions.

REHYDRATION AND STORAGE

Two methods for rehydration and storage are recommended to meet most needs. Procedure A, using 50% glycerol, is preferred. It eliminates freezing at -20 °C and is an effective biological inhibitor. At a working dilution, the level of glycerol is too small to affect most assays.

Procedure A: 50% Glycerol

Solution Preparation: Rehydrate with 1 mL of 50% glycerol.

Rehydration: Transfer 1 mL of the 50% glycerol solution to the product vial. Rotate the vial until the lyophilized pellet is totally dissolved. Antibody concentration will then be 1.0 mg/mL.

Storage: The rehydrated product is stable for a minimum of 1 year at 2-8 °C.

Procedure B: Acetic Acid/Bi-Carbonate

Solution Preparation: Prepare immediately before use:

0.01M Acetic Acid Solution: Mix 0.25 mL of 0.1M acetic acid and 40 mL reagent quality water.

KPL BacTrace[®] Goat anti-*Salmonella* CSA-1 Molecular Grade Antibody

Catalog No.
5310-032 (01-91-99-MG)

Size
1.0 mg

RELATED PRODUCTS	CAT. NO.
KPL BSA Diluent/Blocking Solution	5140-0006 (50-61-00)
KPL 10X Coating Solution	5150-0014 (50-84-00)
KPL Wash Solution	5150-0008 (50-63-00)
KPL 10X PBST	5460-0026 (51-14-01)
KPL 10X TBST	5460-0040 (51-18-01)
<i>KPL Salmonella</i> Typhimurium Pos. Control	5370-0002 (50-74-01)

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.