Fluorescein-Labeled Antibody To Human IgG (γ)

Produced in Goat

Catalog No. Size
02-10-02 0.5 mg

DESCRIPTION
Affinity purified antibody isolated from a pool of serum from goats immunized with purified human IgG was labeled with fluorescein isothiocyanate.

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 and/or bovine serum albumin (BSA) is added as a protein stabilizer. No preservative added. Additional biological protection may be provided with 0.1% sodium azide. Non-sterile.

ANTIBODY CONCENTRATION
The concentration of affinity purified antibody is 0.5 mg as determined by UV absorbance at 280 nm.

F/P RATIO
The fluorescein:antibody protein ratio is 5:1.

SPECIFICITY/CROSS REACTIVITY
Tested by gel diffusion and ELISA techniques as applicable. This product reacts specifically with human IgG. Reactivity to IgG subclasses has not been tested. Antibodies to human IgG may cross-react with immunoglobulins of other mammalian species if common binding sites are shared. Product has been adsorbed with purified human IgA and IgM. Reactivity has not been characterized to other human immunoglobulins

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

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.

SUGGESTED WORKING DILUTIONS
Optimal working concentrations should be determined experimentally. Prepare working dilutions in TBS or other buffer such as 5X Detector Block or Milk/Diluent Blocking Solution (See RELATED PRODUCTS) immediately before use.

These buffers are not recommended for long term storage. Suggested starting dilution of **1:10-1:100** are recommended for most applications. In many cases, the antibody may be diluted further than indicated.

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.

RELATED PRODUCTS

Milk Diluent/Blocking Solution	Cat. No. 50-82-01
5X Detector Block	Cat. No. 71-83-00
Coating Solution Concentrate	Cat. No. 50-84-00
Wash Solution Concentrate	Cat. No. 50-63-00
10% BSA Diluent/Block	Cat. No. 50-61-00

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