

KPL 10% Normal Goat Serum

Catalog No.
5560-0007 (71-00-27)

Size
50 mL

DESCRIPTION

KPL Normal Goat Serum is used as a blocking solution in immunoassays on tissue sections, where the secondary antibody was produced in goat. It can also provide an alternative to bovine serum albumin (BSA) and non-fat dry milk in ELISA and Blotting assays. It is effective in reducing nonspecific binding of proteins to reaction surfaces, thereby maximizing signal-to-noise ratio.

FORM

Contains 50 mL of heat-inactivated 10% (v/v) normal goat serum.

STORAGE/STABILITY

Store at 2–8°C. Stable for a minimum of 1 year from date of receipt when stored at 2–8°C.

STABILIZER AND PRESERVATIVE

Anti-microbial preservative added.

APPLICATIONS

KPL Normal Goat Serum can be used to treat plastic surfaces, membrane or tissue after sensitization with primary antibody or antigen.

SUGGESTED WORKING DILUTIONS

KPL Normal Goat Serum is provided at working concentration, but may be diluted depending on the application. If dilution is required, dilutions may be made in phosphate buffered saline (PBS) or tris buffered saline (TBS) with or without detergent (e.g. Tween 20) as needed for application. Optimal dilutions for each assay should be determined experimentally.

USE

After sensitizing the surface of the microwell plate, membrane or immunohistochemical preparation with primary antibody or antigen, add KPL Normal Goat Serum and incubate. After incubation, pour off serum block and continue with the appropriate protocol.

Suggested incubation times are as follows:

- Immunohistochemistry: 15 minutes in a humidity chamber
- ELISA and Blotting: 30 - 60 minutes

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.

RELATED PRODUCTS

CAT. NO.

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|-----------------------------|----------------------|
| KPL 10% Normal Mouse Serum | 5560-0010 (71-18-01) |
| KPL 10% Normal Rabbit Serum | 5560-0008 (71-00-28) |

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