

## KPL Normal Mouse Serum (10%)

Catalog No.  
5560-0010 (71-18-01)

Size  
10 mL

### DESCRIPTION

KPL Normal Mouse Serum (10%) is used as a blocking solution in immunoassays. It provides an alternative to bovine serum albumin (BSA) and non-fat dry milk. It is effective in reducing non-specific binding of proteins to reaction surfaces, thereby maximizing signal-to-noise ratio. This blocking agent is recommended for use in immunoassays where the primary antibody was produced in mouse, as a source of non-specific serum protein or on mouse tissue for immunohistochemical applications.

### FORM

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

### STORAGE/STABILITY

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

### STABILIZER AND PRESERVATIVE

A proprietary anti-bacterial agent added as a preservative.

### APPLICATIONS

KPL Normal Mouse Serum can be used as a blocking agent to treat plastic surfaces, membrane or tissue after they have been sensitized with primary antibody or antigen.

### SUGGESTED WORKING DILUTIONS

KPL Normal Mouse Serum is provided at working concentration, but may be diluted as low as 0.1% (v/v) 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 Mouse Serum and incubate. After incubation, pour off serum block and continue with the appropriate protocol.

Suggested incubation times are as follows:

|                             |                 |
|-----------------------------|-----------------|
| ELISA and Blotting:         | 30 - 60 minutes |
| Immunohistochemical assays: | 15 minutes      |

Incubation in a humidity chamber is recommended.

### PRODUCT SAFETY AND HANDLING

See SDS (Safety Data Sheet) for this product.

### RELATED PRODUCTS

### CAT. NO.

|                               |                      |
|-------------------------------|----------------------|
| KPL Normal Goat Serum (10%)   | 5560-0007 (71-00-27) |
| KPL Normal Rabbit Serum (10%) | 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.