

KPL 10% BSA Diluent/Blocking Solution

<u>Catalog No.</u>	<u>Size</u>
5140-0006 (50-61-00)	200 mL
5140-0008 (50-61-10)	1000 mL

DESCRIPTION

KPL 10% BSA Diluent/Blocking Solution serves a dual purpose. As a blocking solution it binds to any remaining protein binding sites after the primary antigen or antibody is bound to the solid phase surface. As a diluent for antigens, antibodies, and other proteins, it ensures minimal non-specific interaction of these reactants with each other and with the solid phase surface.

FORM/STORAGE/STABILITY

KPL 10% BSA Diluent/Blocking Solution:
 5140-0006 (50-61-00) consists of 2 x 100 mL
 5140-0008 (50-61-10) consists of 1 x 1000 mL

Store at 2-8°C. Stable for a minimum of one year from date of receipt when stored at 2-8°C. If crystals appear upon refrigeration, warm the bottle to 37°C with mixing to dissolve.

CONTENT

KPL 10% BSA Diluent/Blocking Solution contains 10% Bovine Serum Albumin (BSA) in a phosphate buffer.

USE

Preparation:

Before use, dilute with reagent quality water as follows. Prepare enough blocking solution to completely cover the treated surface.

	Blocking	Diluent
ELISA	1:10 (i.e. 1 mL 10% KPL BSA Diluent/Blocking Solution + 9 mL water)	1:15 (i.e. 1 mL 10% KPL BSA Diluent/Blocking Solution + 14 mL water)
Blotting	1:10 (i.e. 1 mL 10% KPL BSA Diluent/Blocking Solution + 9 mL water)	1:10 (i.e. 1 mL 10% KPL BSA Diluent/Blocking Solution + 9 mL water)

Application:

Use the blocking solution to treat membrane or plastic surfaces **after** they have been sensitized with primary antibody or antigen. Use as a diluent for antigens, antibodies, and other proteins only after sensitization of the microwell plate or membrane.

Incubation Time:

Block for at least 10 minutes to ensure adequate blocking.

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. Product may be disposed via sanitary sewer.

RELATED PRODUCTS CAT. NO.

KPL Coating Solution Concentrate	5150-0014 (50-84-00)
KPL Wash Solution Concentrate	5150-0008 (50-63-00)
KPL Milk Diluent/Blocking Solution	5140-0011 (50-82-01)

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