

KPL Milk Diluent/Blocking Solution

<u>Catalog No.</u>	<u>Size</u>
5140-0011 (50-82-01)	200 mL
5140-0012 (50-82-02)	1000 mL

DESCRIPTION

KPL Milk 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

5140-0011 (50-82-01) contains 2 x 100 mL
 5140-0012 (50-82-02) contains 1 x 1000 mL

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

CONTENT

KPL Milk Diluent/Blocking Solution contains 2% nonfat dry milk in a borate 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	1:20 (i.e. 1 mL Milk Diluent/Block + 19 mL water)	1:20 (i.e. 1 mL Milk Diluent/Block + 19 mL water)
Blotting	1:10 (i.e. 1 mL Milk Diluent/Block + 9 mL water)	1:20 (i.e. 1 mL Milk Diluent/Block + 19 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. Proceed with assay following standard procedures.

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. Dispose of observing all Federal, State and Local laws concerning health and pollution.

RELATED PRODUCTS

CAT. NO.

KPL 10X Coating Solution	5150-0014 (50-84-00)
KPL 20X Wash Solution	5150-0008 (50-63-00)
10% BSA Diluent/Blocking Solution	5140-0006 (50-61-00)