

KPL Phosphatase Wash Solution

for alkaline phosphatase-based detection

Catalog No.

5960-0018 (50-63-15)

Size

600 mL

DESCRIPTION

KPL Phosphatase Wash Solution is designed for use with alkaline phosphatase based detection systems on membranes. Phosphatase Wash Solution is intended to work in conjunction with KPL Phosphatase Assay Buffer and CDP-Star[®] Chemiluminescent.

FORM

600 mL of KPL Phosphatase Wash Solution provides sufficient volume to process approximately 1000 cm² of membrane. It is a 5X concentrate.

STORAGE/STABILITY

KPL Phosphatase Wash Solution will precipitate upon storage at cold temperatures. For best results, store at room temperature (23-28°C). Stable for a minimum of 1 year from date of receipt when stored at room temperature.

APPLICATIONS

KPL Phosphatase Wash Solution may be used in detection of alkaline phosphatase labeled conjugates on membranes in procedures such as Western, Southern and Northern Blotting, and dot blots.

USE

Note: For best results, SeraCare recommends using KPL Phosphatase Assay Buffer in conjunction with the KPL Phosphatase Wash Solution.

All washes should be performed at room temperature with gentle agitation.

1. Make sure KPL Phosphatase Wash Solution is completely in solution before diluting. Warm to 37°C if necessary to dissolve all components.
2. Prepare 1X KPL Phosphatase Wash Solution by diluting KPL Phosphatase Wash Solution 1:5 in molecular biology grade water (i.e. 20 mL KPL Phosphatase Wash Solution + 80 mL water).
3. Following incubation with alkaline phosphatase labeled conjugate, place membrane into a clean container. Wash 3 X 5 minutes each using sufficient volume to completely immerse the membrane (1 mL per cm² membrane). Agitate the solution during incubation.

4. Rinse the membrane 2 X 2 minutes in KPL Phosphatase Assay Buffer, or other appropriate buffer.
5. Drain off KPL Phosphatase Assay Buffer completely.
6. Detect using CDP-Star[®] according to manufacturer's instructions.

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 a sanitary sewer.

RELATED PRODUCTS

CAT. NO.

KPL Phosphatase Assay Buffer	5960-0017 (50-63-14)
KPL Hybridization Bags	5960-0026 (60-00-51)
KPL Biotinylated B Nylon Membrane	5960-0025 (60-00-50)
KPL AP Streptavidin	5950-0005 (475-3000)
KPL AP Chemiluminescent Blotting Kit	5910-0028 (54-30-01)
KPL PCR DNA Biotinylation Kit	5910-0031 (60-01-01)

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