

Phosphatase Assay Buffer (10X)

for alkaline phosphatase-based detection



Catalog No. **Size**
50-63-14 **200 ml**

DESCRIPTION

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

FORM/STORAGE/STABILITY

200 ml of 10X Phosphatase Assay Buffer provides sufficient volume to process approximately 1000cm² of membrane. Store at 2-8°C. Stable for a minimum of 1 year from date of receipt when stored at 2-8°C.

APPLICATIONS

Phosphatase Assay Buffer 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, KPL recommends using Phosphatase Wash Solution (See RELATED PRODUCTS) in conjunction with the Phosphatase Assay Buffer.

After incubation with alkaline phosphatase-labeled conjugate, transfer membrane to a clean container:

1. Wash membrane with Phosphatase Wash Solution (See RELATED PRODUCTS), or other appropriate wash solution, 3 X 5 minutes each at room temperature using sufficient volume to completely immerse the membrane (1 ml per cm² membrane). Agitate the solution during incubation.
2. Dilute 10X Phosphatase Assay Buffer 1:10 in molecular biology grade water. Rinse the membrane 2 X 2 minutes in 1X Phosphatase Assay Buffer using 0.5 ml per cm² of membrane.
3. Drain off Phosphatase Assay Buffer completely.
4. Detect using CDP-Star[®] (See RELATED PRODUCTS), 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

CDP-Star Chemiluminescent Phosphatase Substrate	Cat. No. 50-60-05
Phosphatase Wash Solution (5X)	Cat. No. 50-63-15
Hybridization Bags	Cat. No. 60-00-51
Biodyne B Membrane	Cat. No. 60-00-50
AP Streptavidin	Cat. No. 475-3000
RNADetector™ Northern Hybridization and Detection Kit	Cat. No. 54-30-01
Detector™ Random Primer DNA Biotinylation Kit	Cat. No. 60-01-00

See KPL's catalog for a complete list of nucleic acid labeling and detection systems, antibodies, substrates, and immunohistochemistry products.

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