

Biotin Wash Solution (10X)

For Biotin-Streptavidin Systems

Catalog No.

5960-0015 (50-63-06)

5960-0016 (50-63-07)

Size

200 mL

1000 mL

DESCRIPTION

KPL Biotin Wash Solution (10X) minimizes background due to non-specific binding of enzyme-labeled streptavidin to nylon membranes.

CONTENT

5960-0015 (50-63-06) contains 2 x 100 mL KPL Biotin Wash Solution (10X). Sufficient volume is supplied to process approximately 1500 cm² of membrane.

5960-0016 (50-63-07) contains 1 x 1000 mL KPL Biotin Wash Solution (10X). Sufficient volume is supplied to process approximately 7500 cm² of membrane.

KPL Biotin Wash Solution (10X) is a proprietary formulation (US Patent No. 6,096,508). Product is non-sterile.

STORAGE/STABILITY

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

USE

Use KPL Biotin Wash Solution (10X) to maximize signal-to-noise ratio in enzyme-labeled streptavidin detection systems.

After membrane incubation with enzyme-labeled streptavidin:

1. Dilute KPL Biotin Wash Solution (10X) 1/10 in reagent quality water (1 mL KPL Biotin Wash Solution (10X) in 9 mL reagent quality water).
2. Transfer membrane to a clean container and wash three times for five minutes each at room temperature using sufficient volume to completely immerse the membrane (4 mL/10 cm² membrane). Agitate the solution during incubation.
3. Visualize with colorimetric or chemiluminescent substrate following 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 HRP-Labeled Streptavidin	5950-0004 (474-3000)
KPL LumiGLO [®] HRP Chemiluminescent Substrate	5430-0040 (54-61-00)
KPL 5X Detector [™] Block	5920-0004 (71-83-00)
KPL HRP Chemiluminescent Blotting Kit	5910-0027 (54-30-00)

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