

KPL DEA Buffer Solution

Catalog No.

5120-0058 (50-80-02)

Size

100 mL

DESCRIPTION

This alkaline phosphatase substrate is specifically designed for use with phosphatase labeled antibodies in enzyme immunoassays (EIA). It may be used in any system that requires 5M Diethanolamine (DEA)

FORM/ STORAGE

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

CONTENT

KPL DEA Buffer is 5M Diethanolamine.

USE**Preparation**

Mix 1 mL KPL DEA Buffer (5X) with 4 mL of reagent quality water. Dissolve 1 KPL pNPP tablet (5 mg) in 5 mL of KPL DEA buffer. Substrate solution should be clear to slightly yellow. Warm to room temperature before use.

Recommended Substrate Volume

Following incubation with phosphatase labeled conjugate, wash plate thoroughly. Add 100 µL freshly mixed substrate to each well. As the color develops, tap plate gently to mix.

Reducing Substrate Intensity

To reduce the intensity of the substrate reaction, it is recommended that the conjugate and/or antibodies in the immunoassay be further diluted. **Further dilution of the substrate is not recommended.**

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

KPL pNPP Tablets

KPL Coating Solution

KPL BSA Diluent/Blocking Solution

KPL Wash Solution

KPL BluePhos™ Microwell Phosphatase Substrate

CAT. NO.

5120-0057 (50-80-01)

5150-0014 (50-84-00)

5140-0006 (50-61-00)

5150-0008 (50-63-00)

5120-0059 (50-88-00)

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