

KPL Buffered Substrate Solution

for KPL HistoMark[®] RED and KPL HistoMark[®] BLUE

Catalog No.
5570-0003 (71-00-04)

Size
50 mL

DESCRIPTION

KPL Buffered Substrate Solution for Immunohistochemistry is an oxidizing reagent. It is a component of the HistoMark[®] RED and HistoMark[®] BLUE immunohistochemical staining systems for alkaline phosphatase. The solution should appear clear, may have a slight yellow tint and may have light a precipitate.

FORM/STORAGE/STABILITY

KPL Buffered Substrate Solution is a 50 mL liquid. Store tightly capped at 2 - 8 °C. Stable for at least one year stored at 2 - 8 °C. A light precipitate may be visible, this does not affect product performance. See "NOTE" under "USE" section.

USE

NOTE: Prior to preparation, if light precipitate is visible, warm for 10 – 15 minutes in 37 °C waterbath. Mix thoroughly by inversion until completely in solution.

Prepare working dilution as follows:

Add 0.5 mL KPL Buffered Substrate Solution to 5 mL reagent quality water and mix well. In another tube, add 100 µL KPL PhThaloRED (or KPL PhThaloBLUE) Substrate Solution, and 100 µL KPL Activator Solution. Mix thoroughly but gently and allow to stand for 3 minutes. After 3 minutes have passed, thoroughly mix the contents of the two tubes. This is the final working concentration of the substrate solution and it must be used immediately.

Remove slide from final wash solution and shake dry. Flood specimen with substrate solution and incubate for 10 minutes at room temperature. After 10 minutes, rinse slide with water. Counterstain specimen with Contrast BLUE or Contrast RED, if desired, before mounting.

IMMUNOASSAY KIT REAGENTS

The KPL Buffered Substrate Solution for Immunohistochemistry is a component of the HistoMark kits for Alkaline Phosphatase Substrate Systems.

RELATED PRODUCTS

CAT. NO.

KPL HistoMark RED Phosphatase System	5510-0036 (55-69-00)
KPL HistoMark BLUE Phosphatase System	5510-0037 (55-70-00)
KPL HistoMark BLACK Peroxidase System	5510-0034 (54-75-00)
KPL HistoMark ORANGE Peroxidase System	5510-0033 (54-74-00)

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