

Alk-Phos Blue Kit

Description: Alk-Phos Blue is a chromogen for immunohistochemical staining and immunoblotting. When in the presence of alkaline phosphatase enzyme, Alk-Phos Blue produces a bright blue precipitate that may be permanently mounted with minimal loss of intensity.

Contents:

<u>Volume</u>	<u>Contents:</u>
2ml	Alk-Phos Blue, Concentrate (White dropper vial)
2ml	Activator (Clear dropper vial)
60ml	Buffer (Amber bottle)

Storage: Store reagents at 2 - 8° Centigrade.

Note 1: Allow reagents to come to room temperature prior to use.

Note 2: Use Tris buffered Saline (Catalog # TBT) for rinsing tissue before and after application of Alk-Phos Blue. Phosphate Buffered Saline will react with the product resulting in reduced staining intensity.

Procedure:

1. Fill graduated tube to the 5 ml mark with Alk-Phos Blue Buffer.
2. Add one drop (45-55 microliters) of Alk-Phos Blue Chromogen to graduated tube.
3. Add two drops (80-90 microliters) of Alk-Phos Blue Activator to graduated tube.
4. Invert several times and allow to set for two minutes.
5. Apply mixture to tissue section.
6. Incubate tissue section for 5-25 minutes depending on desired intensity.
7. Rinse tissue with Tris Buffered Saline (Catalog # TBT), counterstain*, and coverslip using an aqueous mounting media. For permanent mounting, dehydrate rapidly and clear with one quick (2 seconds) dip in xylene or xylene substitute.

Possible counterstains: Product
Nuclear Fast Red Solution
Methyl Green Solution

REF:
NFS
MGS