

Alkaline Phosphatase Enhancer

- Catalog No.:** K 011
- Intended Use:** As a signal enhancer in conjunction with alkaline phosphatase based immunostaining systems.
- Introduction:** Alkaline Phosphatase, an enzyme derived from bovine intestinal mucosa, is often used as a label for in situ hybridization, immunohistochemistry, Southern and Northern hybridization and DNA sequencing. Detection of this enzyme requires the generation of an insoluble colored reaction end product. Stronger the signal, better the staining. DBS introduces a new stable solution to increase the signal generated by alkaline phosphatase several fold. A single treatment of tissue sections with enhancer before the treatment with substrate/chromogen enables the visualization of difficult to localize antigens. This enhancer works well with Fast Red but can be used with BCIP/NBT and BCIP/INT also. Specimens stained with the above substrates/chromogens can not be dehydrated in ethanol and hence should be mounted in aqueous based mounting medium like C/C Mount (DBS catalog # K002).
- Components:** 250mL clear ready to use solution
- Storage of Kit:** Store at room temperature. This product contains Sodium Azide as a preservative. Do not use beyond the expiration date stated on the label.
- Procedure:**
- i) Once tissue sections have been incubated with Streptavidin-Alkaline Phosphatase, wash thoroughly with wash buffer.
 - ii) Wipe the slide(s) to remove excess wash buffer and add enough drops of Alkaline Phosphatase Enhancer to cover the tissue sections. Alternately, pour Alkaline Phosphatase Enhancer in a coplin jar and soak the slide(s).
 - iii) Incubate for 1 minute at room temperature.
 - iv) Drain excess Alkaline Phosphatase Enhancer and add substrate/chromogen on the tissue sections without any wash between the two steps.
- Precautions:** Avoid contact with clothes and exposed skin. If accidentally contacted, flush immediately with tap water. Do not take internally.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

1020 Serpentine Lane, # 114, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390

Website: www.dbiosys.com e-mail: customersupport@dbiosys.com