

## Alkaline Phosphatase Diluent (With Background Reducing Component)

<b>Catalog No.:</b>	K 028
<b>Intended Use:</b>	This product can be used as a diluent to prepare Alkaline Phosphatase conjugated antibodies. Alkaline Phosphatase Diluent is specifically designed to dilute Alkaline Phosphatase conjugated antibodies for immunohistochemistry, stabilize Alkaline Phosphatase conjugates, and reduce nonspecific background staining.
<b>Introduction:</b>	In order to obtain optimal staining, correct dilution and selection of appropriate diluent is critical. Ionic strength, pH of the environment, and the presence or absence of detergents can affect the binding and stability of a tertiary antibody. The optimal pH together with stabilizing proteins in Alkaline Phosphatase Diluent ensures the maximum stability of tertiary antibodies. Alkaline Phosphatase Diluent contains optimal concentrations of Sodium Chloride and detergents to prevent nonspecific binding and better penetration of tertiary antibodies.
<b>Format:</b>	1000mL stable red colored 1X concentrated buffer
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>Preparation of Reagent:</b>	Alkaline Phosphatase Diluent is ready to use and does not require any preparation.
<b>Procedure:</b>	<ol style="list-style-type: none"><li>i) Pour the diluent in a clean glass container.</li><li>ii) Add concentrated Alkaline Phosphatase conjugated antibody to the diluent and mix thoroughly.</li><li>iii) Diluted conjugate is now ready to use and should be stored at 2-8°C for further use.</li></ol>
<b>Precautions:</b>	Avoid contact with clothes, skin, and eyes. If contacted flush immediately with ample water. Do not mouth pipette. Follow local regulations for disposal.

### 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](http://www.dbiosys.com) e-mail: [customersupport@dbiosys.com](mailto:customersupport@dbiosys.com)