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## Product Information

### ALKALINE PHOSPHATASE STABILIZING BUFFER

Product Number **A 4955**

#### Product Description

Alkaline Phosphatase Stabilizing Buffer is formulated to extend the shelf life of diluted alkaline phosphatase conjugates.

Alkaline Phosphatase Stabilizing Buffer contributes to the stability of dilute conjugates. Diluted conjugates may now be stored at 2-8 °C for extended periods of time. Therefore, the same diluted reagent may be used for a series of experiments. Using the same reagents for multiple experiments eliminates the variation of day-to-day reagent preparation and may give more consistent results.

The degree of stability realized is highly dependent upon the conjugate tested. Trials using each particular conjugate should be performed to determine the degree of stability that can be expected. It is recommended that this buffer constitute  $\geq 95\%$  of the final solution. The product has been tested in ELISA systems.

#### Reagents

The product contains stabilizing compounds in Tris buffered saline, pH 8.0, containing 1% bovine serum albumin and 0.1% sodium azide as an antimicrobial.

#### Precautions and Disclaimer

Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for the information regarding hazards and safe handling practices.

#### Storage/Stability

Store at 2-8 °C. The product may be stored at room temperature for short periods of time. While the antimicrobial will help inhibit bacterial growth, it is recommended that "clean" laboratory technique be exercised in order to prolong the life of the product. If turbidity should occur, discard the solution.

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