



3050 Spruce Street  
Saint Louis, Missouri 63103 USA  
Telephone 800-325-5832 • (314) 771-5765  
Fax (314) 286-7828  
email: techserv@sia.com  
sigma-aldrich.com

## Product Information

### Peroxidase Stabilizing Buffer

Product No. **P 9209**

#### Product Description

Peroxidase Stabilizing Buffer is formulated to extend the shelf life of dilute horseradish peroxidase conjugates. The product contains stabilizing compounds in phosphate buffered saline, pH 7.4, containing 1% bovine serum albumin and an antimicrobial.

#### Performance

In real time studies conducted at 2-8 °C, and in accelerated studies conducted at 37 °C and 45 °C, antibody-peroxidase conjugates diluted 10,000-fold retain significantly higher activity when compared to conjugates diluted in PBS containing 1% BSA (routinely greater than a 50-fold enhancement). It is recommended that the stability buffer constitute >95% of the composition of the final sample. The product has been extensively tested to have no adverse effect in ELISA systems.

Peroxidase Stabilizing Buffer helps sustain the reactivity of dilute conjugates. Dilute conjugates may now be stored at 2-8 °C for extended periods of time. Therefore, the same dilute 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.

#### Storage

Store at 2-8 °C. The product may be stored at room temperature for 2-3 months. While the antimicrobial will help inhibit bacterial growth, it is recommended that aseptic laboratory technique be exercised in order to prolong the life of the product. If turbidity should occur, discard the solution.

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