

StabilZyme *SELECT*®

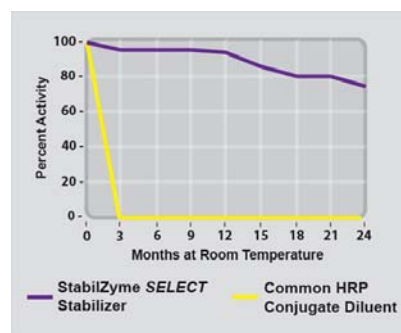
Stabilizer

9924 West 74th Street
Eden Prairie, MN 55344

StabilZyme *SELECT*® Stabilizer is designed to stabilize biologically active components in solution and protect the activity of proteins commonly used in immunoassays, such as antisera controls and Horseradish Peroxidase conjugates.

Stability Data

The efficacy of StabilZyme *SELECT* stabilizer was verified by real-time stability studies that included independent testing of the enzyme activity and the immunological activity by ELISA (see graph at right). The studies were conducted using a monoclonal IgG-HRP conjugate. Results of these analyses indicate superior performance of StabilZyme *SELECT* stabilizer compared to a common HRP conjugate diluent. The monoclonal IgG-HRP conjugate retained over 75% of its activity when stored in StabilZyme *SELECT* stabilizer for 24 months at room temperature.



Properties

Storage	Product should be refrigerated or stored at room temperature. Please note that SurModics Stabilization Products are shipped to customers at ambient temperature. Extensive stability studies have shown that prolonged storage at ambient temperature will not affect the product quality or efficacy.
Bovine Protein	Yes
Dry Weight (g/mL)	0.100 - 0.114
Product Buffer	None
pH	6.5 - 7.5
Preservative	0.02% methylisothiazolone, 0.02% bromonitrodioxane
Shelf Life	2.5 years
Acceptable Diluents	Deionized water, 0.1M Tris or Glycine Buffer (PBS may cause precipitation)

Applications

- StabilZyme *SELECT* stabilizer is highly recommended for HRP-hapten conjugates used in competitive assays. It is also recommended for protein, serum, and urine controls and proteins conjugated to fluorescent enzymes, such as FITC.
- StabilZyme *SELECT* stabilizer is readily incorporated into virtually any production protocol. Conjugates can be added directly to StabilZyme *SELECT* stabilizer, and are then ready for storage and use.

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Recommendations for Use

The following are general guidelines only.

1. Use StabilZyme *SELECT* stabilizer straight or dilute 1:1 in deionized water or 0.1 M Tris or Glycine buffer. StabilZyme *SELECT* stabilizer has limited buffering capacity. In competitive assays, add buffer if the test samples have extreme pH variability. (Phosphate buffers cause precipitation at >10% total volume.)
2. Adjust pH to 6.8 - 7.0.
3. Dilute your reagent to optimum concentration in the StabilZyme *SELECT* solution.
4. Use diluted reagent in your assay as normal.
5. Store the conjugate solution at 2-8°C. Protect from direct exposure to light.

Technical Assistance

For technical inquiries, please email IVDtechsupport@surmodics.com or call (952) 829-2709.

Ordering Information

To place an order for this product, please contact our customer service at:

Tel: (952) 829-2709
Toll Free: (800) 755-7793
Fax: (952) 829-2743
Email: orders@surmodics.com
Web: www.surmodicsIVD.com

StabilZyme <i>SELECT</i> Stabilizer is available in the following sizes:	
1000 mL	2000 mL
SZ03-1000	SZ03-2000