

# StabilZyme *SELECT*<sup>®</sup>



## Stabilizer

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### **Product Description:**

StabilZyme *SELECT*<sup>®</sup> 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. It is highly recommended for HRP-hapten conjugates used in competitive assays. StabilZyme *SELECT* stabilizer 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.

### **Hazard Identification:**

Non-hazardous liquid. This product is non-flammable. May cause eye irritation.

### **Product Specifications and Storage:**

<b>Storage</b>	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.
<b>Bovine Protein</b>	Yes
<b>Product Buffer</b>	None
<b>pH</b>	6.5 - 7.5
<b>Preservative</b>	0.02% methylisothiazolone and 0.02% bromonitrodioxane
<b>Shelf Life</b>	2.5 years

### **Recommendations for Use:** *The following are general guidelines only.*

1. Use StabilZyme *SELECT* stabilizer at 100% concentration. StabilZyme *SELECT* stabilizer has limited buffering capacity. In competitive assays, add buffer if the test samples have extreme pH variability. (If a phosphate buffer is used, we recommend a final concentration of no more than 5 mM buffer to avoid the possibility of initiating precipitation.)
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.

**For technical assistance please call +49 (0) 761-47979-0**



This product is distributed by

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