

# StabilZyme® Protein-Free Stabilizer

## Product Description:

**Issue:** Assays have become increasingly sensitive in recent years. Unfortunately, the protein stabilizers most commonly used to stabilize biomolecule activity often contribute to interference and cross-reactivity leading to less reliable results.

**Solution:** SurModics' new *StabilZyme* Protein-Free Stabilizer delivers excellent retained activity—a key performance factor—while eliminating the interference and cross-reactivity associated with protein-based stabilizers.

*StabilZyme* Protein-Free Stabilizer is recommended for conjugated proteins, antibody-coated particles, and general protein stability in solution when a protein-free formulation is required.

## Hazard Identification:

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

## Product Specifications and Storage:

<b>Storage</b>	Product should be stored at 4°C or 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 / Protein</b>	No / None
<b>Product Buffer</b>	MOPS
<b>pH</b>	6.3 - 7.3
<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* Protein-Free Stabilizer at 100% concentration.
2. Dilute your sample to optimum concentration in the *StabilZyme* Protein-Free solution.
3. Use diluted sample in your assay as normal.
4. Store the sample solution at 2-8°C.

## Related Products:

Product Code	BioFX® Substrates
TMBS	TMB Super Sensitive One Component HRP Microwell Substrate
TMBW	TMB One Component HRP Microwell Substrate
TMSK	TMB Slow Kinetic One Component HRP Microwell Substrate
ESPM	TMB Enhanced HRP Membrane Substrate

## Ordering Information:

For additional product or technical information, please visit [www.surmodics.com](http://www.surmodics.com).

### To Place an Order:

phone: 952-500-7200

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fax: 952-500-7201

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*For technical assistance:* [IVDtechsupport@surmodics.com](mailto:IVDtechsupport@surmodics.com)



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