

## SurModics Stabilization Products Overview

Product Name	Applications	Bovine Protein	Dry Weight (g/mL)	Product Buffer	pH	Preservative (All products are filtered through a 0.1 micron filter)	Shelf Life* (at 4°C)	Acceptable Diluents**
<b>StabilCoat® Immunoassay Stabilizer</b>	For dried proteins, such as antibodies and antigens, that are used in immunoassays	YES	0.098 - 0.113 (when diluted 1:4)	PBS	7.0 - 7.4	None - Customers may add a preservative (e.g., ProClin™)	3 years	Deionized water or PBS
<b>5X StabilCoat® Immunoassay Stabilizer (5X concentrate)</b>							2 years	
<b>StabilCoat® Plus Microarray Stabilizer</b>	For proteins bound to microspheres in solution and array proteins stored long-term in the dried state	YES	0.098 - 0.113	PBS	7.0 - 7.4	0.02% methylisothiazolone, 0.02% bromonitrodioxane	2 years	Deionized water or PBS
<b>StabilGuard® Biomolecule Stabilizer</b>	For dried proteins, such as antibodies and antigens, that are used in immunoassays	NO	0.057 - 0.066	PBS	6.6 - 7.2	None - Customers may add a preservative (e.g., ProClin™)	3 years	Deionized water or PBS
<b>StabilGuard® Choice Microarray Stabilizer</b>	For proteins bound to microspheres in solution and array proteins stored long-term in the dried state	NO	0.057 - 0.066	PBS	6.6 - 7.2	0.02% methylisothiazolone, 0.02% bromonitrodioxane	3 years	Deionized water or PBS
<b>StabilZyme® HRP Conjugate Stabilizer</b>	For horseradish peroxidase (HRP) conjugates in solution (for competitive assays, use StabilZyme <i>SELECT</i> or StabilZyme <i>NOBLE</i> )	YES	0.100 - 0.115	MOPS	6.2 - 6.7	0.02% methylisothiazolone, 0.02% bromonitrodioxane, 20 ppm ProClin™ 300	2.5 years	Deionized water
<b>StabilZyme® AP Conjugate Stabilizer</b>	For alkaline phosphatase (AP) conjugates in solution	YES	0.100 - 0.120	MES	5.5 - 6.5	0.02% methylisothiazolone, 0.02% bromonitrodioxane	2.5 years	Deionized water or 10mM MES, pH 6.0
<b>StabilZyme <i>SELECT</i>® Stabilizer</b>	For HRP conjugates in solution, including those used in competitive assays; also recommended for serum controls & other proteins in solution.	YES	0.100 - 0.114	None	6.5 - 7.5	0.02% methylisothiazolone, 0.02% bromonitrodioxane	2.5 years	Deionized water
<b>StabilZyme® <i>NOBLE</i> Stabilizer</b>	For HRP conjugates in solution, including those used in competitive assays; also recommended for serum controls & other proteins in solution.	NO	0.100 - 0.135	MOPS	6.0 - 7.0	0.02% methylisothiazolone, 0.02% bromonitrodioxane	2.5 years	Deionized water

\* Although the recommended storage temperature is 4°C for all of the Stabilization Products, the products are shipped at ambient temperatures. Extensive stability studies have been performed to show that storage at ambient temperature will not affect the quality or efficacy of these products.

\*\* We recommend using the Stabilization Products at 100% concentration. However, in cases where you feel it may be necessary to dilute the products, please use the diluent(s) listed above. For the StabilZyme stabilizers, do not use PBS--it may cause precipitation.

These products are distributed by:

