

Super Shield™ Simulator™ HRP Conjugate Stabilizer Protein Free (SSSZR™ - One Component)

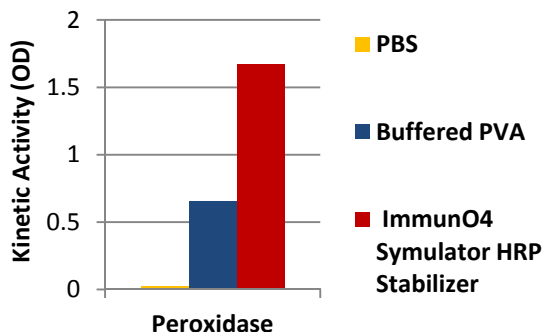
Protein Free Stabilizer, Diluent and Synthetic Replacement; Preserves and stabilizes the activity of Peroxidase (HRP) conjugates used in immunoassays and molecular assays.

Benefits of Super Shield™ Simulator™

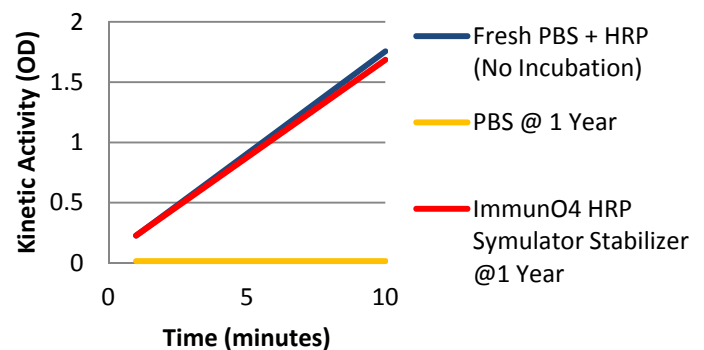
This protein free stabilizer was developed with natural biomolecular stabilizing agents to maximize the life of your HRP conjugates while eliminating non-specific protein interactions.

- Protein free
- Uses natural biomolecular stabilizing agents
- Can use as a Synthetic Replacement
- Minimizes background interactions and issues
- Eliminates BSE regulatory concerns
- ImmunO₄ SSSZR™ is compatible and works well with ImmunO₄ Coat- Block reagents
- Room temperature stable reagent
- Stable through freeze cycles
- Superior HRP and protein stabilization / diluent

Accelerated Stability of HRP Incubated in Simulator and Various Reagents for 2 Days at 50C



Kinetic Activity and Stability of Peroxidase Incubated in Simulator vs Various Reagents for One Year at Room Temperature



ImmunO₄ Partnering

ImmunO₄ scientists have developed some of the best commercial detection and laboratory reagents on the market. The ImmunO₄ technical team can custom develop products for your needs.

- Flexible business to business interaction
- Custom formulation that meets YOUR assay needs
- Reliable manufacturing and quality control

Applications

SSSZR™ is specially formulated to stabilize the activity of HRP conjugates. SSSZR™ also preserves proteins and biomolecules in various other assay systems. It is often used in ELISA, Western Blot, Southern/Northern Blots, and lateral flow. Super Shield Simulator can be used directly as an assay buffer. The product is supplied as a 1X, one component liquid, ready to use formula. Antimicrobial agents are included to retard bacterial growth.

The Next Generation of Laboratory and Detection Reagents

Super Shield™ Simulator™ HRP Conjugate Stabilizer

Superior Protein Stabilizer

Packaging

SSSZR is available in 100 mL, 200 mL and 1L volumes. All materials are sold in custom or bulk quantities. Custom filling available.

Ordering Information	
Code	Description
LUMXL	Lumi Super Tracker XL™ Membrane / Blotting Chemiluminescent Peroxidase Substrate
LUSNM	Lumi Supernova™ Membrane / Blotting Chemiluminescent Peroxidase Substrate
LUMST	Lumi Super Tracker™ Membrane / Blotting Chemiluminescent Peroxidase Substrate
LUSST	Lumi Super Tracker™ Soluble / ELISA Chemiluminescent Peroxidase Substrate
LIABB	Lightning in a Bottle™ One Component Chemiluminescent Membrane / Blotting Peroxidase Substrate
HRPZR	Super Shield Peroxidase Conjugate Stabilizer™ (Bovine and Mammalian Protein Free)
ALPZR	Super Shield Alkaline Phosphatase Conjugate Stabilizer™ (Bovine and Mammalian Protein Free)
SSSZR	Super Shield Simulator™ Peroxidase Conjugate Stabilizer (Protein Free)
MACZR	Super Shield™ Macro™ Universal Stabilizer (Bovine and Mammalian Protein Free)
APNMC	Armor Plate™ Non Mammalian Protein Coat Block (Bovine and Mammalian Protein Free)
NMPCC	Armor Plate™ Concentrate Non Mammalian Protein Coat Block (5X) and Diluent (10X) (Bovine and Mammalian Protein Free)
APMPC	Armor Plate™ Milk Protein Coat Block (Bovine Serum Free)



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