

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

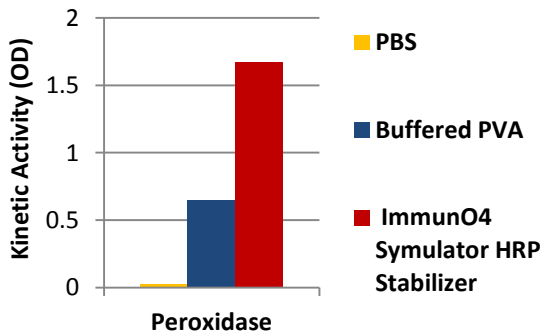
Protein Free Stabilizer, Diluent and Synthetic Replacement; Preserves and stabilizes the activity of Peroxidase (HRP) conjugates used in immunoassays and molecular assays.

Benefits of Super Shield™ Simulator™

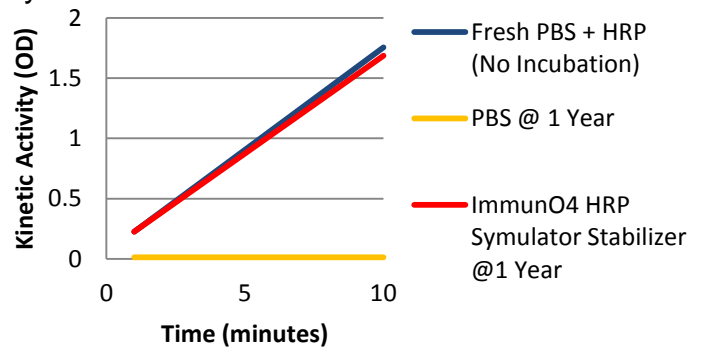
This protein free stabilizer was developed with natural biomolecular stabilizing agents to maximize the life of your HRP conjugates while eliminating non-specific protein interactions.

- 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 stabilizer / 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 research formulations in the market. This team of scientists have reassembled to make the next generation of reagents. ImmunO₄ technical team can custom develop products for your needs. Our team has the capability to make it work for you. "With ImmunO₄, it was easy to get formulations that worked in my assays."

- Match or exceed competitor performance for easy transition from existing reagents
- Flexible business to business interaction
- Custom formulation that meets YOUR assay needs
- Reliable and consistent manufacturing

Applications

SSSZR™ is specially formulated to stabilize the activity of HRP conjugates. SSSZR™ also preserves proteins 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™ Symulator™ 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
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 Symulator™ 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)
APMPC	Armor Plate™ Milk Protein Coat Block (Bovine Serum Free)



125 Airport Drive, Unit 14
Westminster, MD 21157
Phone: 443-821-3504
www.ImmunO4.com