

# Super Shield™ HRP Conjugate Stabilizer

## Bovine and Mammalian Protein Free Stabilizer (HRPZR™-One Component)

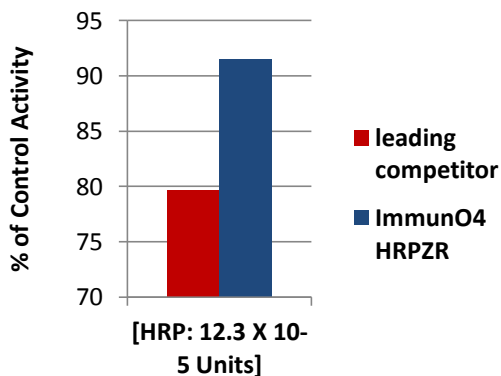
Mammalian Protein Free Stabilizer and Diluent; Preserves and stabilizes the activity of HRP and AP conjugates used in immunoassays and molecular assays.

### Benefits of Super Shield™ HRP

This stabilizer was developed to maximize the life of your HRP and AP conjugates while eliminating non-specific protein interactions.

- No Mammalian proteins
- Minimizes background interactions and issues
- Eliminates BSE regulatory concerns
- ImmunO<sub>4</sub> HRPZR™ synergizes with ImmunO<sub>4</sub> APNMC™ Coat Block reagent to further improve unwanted non specific binding
- Stabilizes a variety of HRP and AP conjugates, when diluted as working solutions
- Room temperature stable reagent
- Stable through freeze-thaw cycles
- Superior HRP and protein stabilization / diluent

**Accelerated Stability of HRP incubated in Super Shield vs Competitor Stabilizer - Two Weeks at 50° C**



### ImmunO<sub>4</sub> Partnering

ImmunO<sub>4</sub> scientists have developed some of the best commercial detection and laboratory reagents on the market. The ImmunO<sub>4</sub> 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

HRPZR™ is specially formulated for stabilize the activity of HRP and AP conjugates. HRPZR™ also preserves proteins in various other assay systems. It is often used in ELISA, Western Blot, Southern/Northern Blots, and lateral flow. Super Shield 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™ Stabilizer

Superior Protein Stabilizer

## Packaging

HRPZR 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 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)
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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