

### Super Shield<sup>TM</sup> Macro<sup>TM</sup> Universal Stabilizer Bovine and Mammalian Protein Free (MACZR<sup>TM</sup> - One Component)

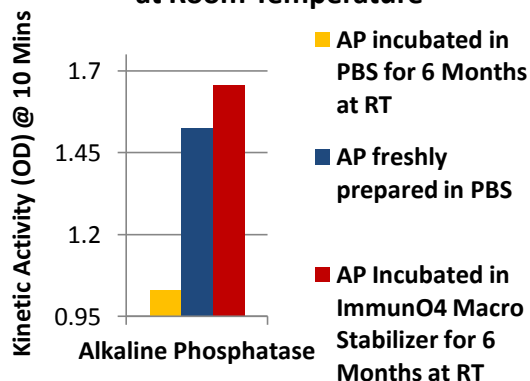
All-Purpose Protein, Biomolecule and Analyte Stabilizer / Diluent; Preserves and stabilizes the activity of various Biomolecules used in immunoassays and molecular assays.

#### Benefits of Super Shield<sup>TM</sup> Macro<sup>TM</sup>

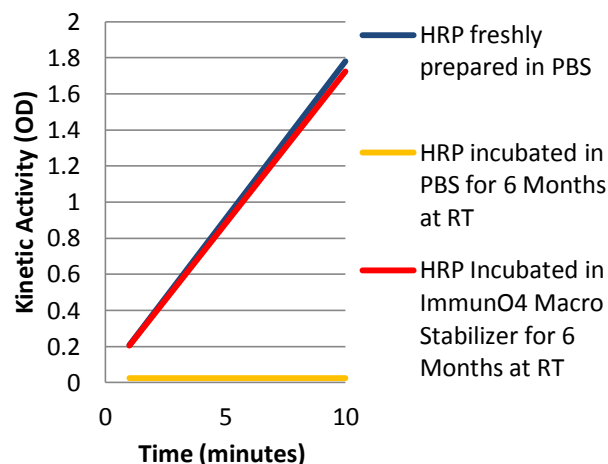
This universal stabilizer was developed to maximize the life of various biomolecules while eliminating non-specific protein interactions.

- No Mammalian proteins
- Minimizes background interactions and issues
- Eliminates BSE regulatory concerns
- ImmunO<sub>4</sub> MACZR<sup>TM</sup> is compatible and works well with ImmunO<sub>4</sub> Coat-Block reagents
- Can be used as a stabilizer, buffer and diluent
- Room temperature stable reagent
- Stable through freeze-thaw cycles
- Superior all-purpose stabilizer

#### Real Time Stability of AP Incubated in Super Shield Macro Stabilizer for 6 Months at Room Temperature



#### Real Time Stability of Peroxidase Incubated in Super Shield Macro Stabilizer for 6 Months at Room Temperature



#### 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

MACZR<sup>TM</sup> is specially formulated to stabilize the activity of various Proteins and Biomolecules. MACZR<sup>TM</sup> preserves biomolecules in various assay systems. It is often used in ELISA, Western Blot, Southern/Northern Blots, and lateral flow. Super Shield Macro 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™ Macro™ Universal Stabilizer

Superior All-Purpose Stabilizer

## Packaging

MACZR 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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