

# Armor Plate™ Non Mammalian Protein Coat Block Reagent; Bovine and Mammalian Protein Free (APNMC™ – One Component)

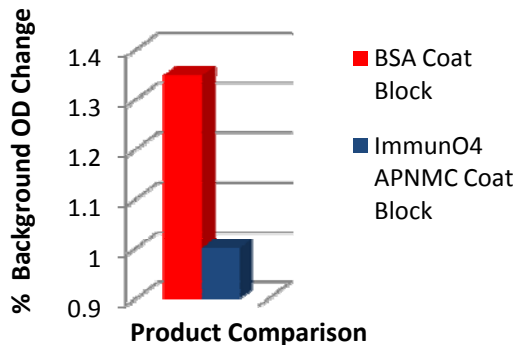
Blocks and stabilizes coated ELISA plates and other solid phase substrates. APNMC™ is a superior reagent that blocks, seals, and stabilizes with a consistent coat.

## Benefits of Armor Plate™

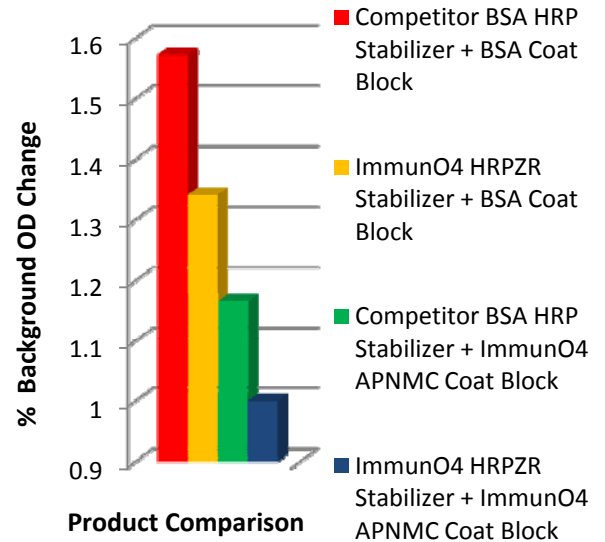
This Coat Block was developed to substantially reduce Non Specific Antibody Binding and eliminate non-specific protein interactions.

- No Mammalian proteins
- Minimizes background interactions and issues
- Eliminates BSE regulatory concerns
- ImmunO<sub>4</sub> APNMC™ synergizes with HRPZR Super Shield™ Stabilizer to further improve unwanted non specific binding
- Room temperature stable reagent
- Stable through freeze-thaw cycles

## ImmunO<sub>4</sub> Armor Plate™ Non Mammalian Coat Block Substantially Reduces Non Specific Antibody Binding



## ImmunO<sub>4</sub> Armor Plate™ Non Mammalian Coat Block Synergizes with HRPZR Stabilizer to Further Improve Non Specific Antibody Binding



## Applications

The above ELISA data was generated using chicken anti-FAV and Goat anti-IgY HRP conjugate. APNMC™ can be used for antigens or antibodies. APNMC™ can be used for coating and blocking. An additional blocking step may not be required, potentially enabling blocking and stabilization in one step. Coated plates dried with APNMC™ have a long term shelf life, even at room temperature, when stored in a cool and dry environment. The product is supplied as a 1X, one component liquid, ready to use formula. A concentrated formula, Armor Plate™ Concentrate NMPCC™, offers a 5X coat block / 10X diluent option. Antimicrobial agents are included to retard bacterial growth.

## 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

# The Next Generation of Laboratory and Detection Reagents

# Armor Plate™ Non Mammalian Protein Coat Block

Superior Coat Block

## Packaging

APNMC 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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