

Lightning in a Bottle™

One Component HRP Chemiluminescent Substrate (LIABB™- Membrane / Blotting)

Developed specifically as a ready to use reagent for Blotting and In-Vitro Diagnostic applications requiring ultra sensitivity with exceptional signal to noise ratios. Lightning in a Bottle™ is a unique chemiluminescent substrate.

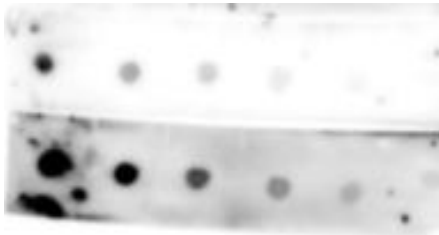
Benefits of Lightning in a Bottle™

This substrate is a one component ready to use reagent developed for ultra convenience and world-class performance. It is unique and competitively priced.

- Provides superior convenience and sensitivity compared to competitor products.
- No mixing is required.
- Obtain consistent results by avoiding mixing errors.
- Reduce costs by eliminating additional bottles and packaging.
- Low backgrounds.
- High signal to noise ratios.
- Superior Stability.
- 18 month shelf life.

Performance Results

100pg 50pg 25pg 12 pg 6 pg 3pg



ImmunO₄ Partnering

ImmunO₄ scientists have developed some of the best commercial Chemiluminescent substrate formulations in the market. This team of scientists have reassembled to make the next generation of substrates. ImmunO₄ technical team can custom develop products for your substrate 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."

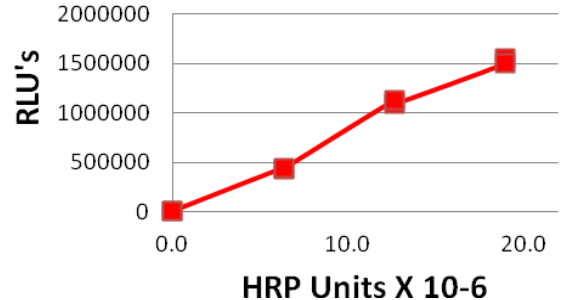
- Match existing kinetics for easy transition from existing reagents
- Flexible business to business interaction
- Custom formulation that meets YOUR assay needs
- Reliable manufacturing once locked down

Applications

LIABB™ is specially formulated for membrane and blotting applications.

Serial dilutions of rabbit IgG was blotted on PVDF membranes and reacted with a goat anti-rabbit HRP conjugate (1:10,000 dilution) for two hours. The blots were visualized using a leading competitor (top) or ImmunO₄ LIABB chemiluminescent substrate (bottom). The blots were exposed for five minutes.

Lightning in a Bottle Kinetic Activity (@20 Min)



Replicate dilutions of HRP enzyme were incubated with LIABB One Component Chemiluminescent Peroxidase Substrate. Results were read on a luminometer at 20 minutes. LIABB demonstrated high sensitivity and excellent signal to noise ratios.

The Next Generation of Laboratory and Detection Reagents

Lightning in a Bottle™ (Blotting)

One Bottle Provides
Ultimate Convenience

Packaging

LIABB is available in 20 mL (sample size), 50 mL, 100 mL, 200 mL, 500mL, and 1 Liter volumes. 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 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)
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