
Lumi Super TrackerTM Membrane / Blotting Chemiluminescent Peroxidase Substrate (LUMSTTM - Two Components A+B)

Product Description:

Immuno₄ stabilized Lumi Super Tracker Luminol based substrates can detect horseradish peroxidase at the femtogram level. Immuno₄ chemiluminescent substrates provide superior sensitivity compared to competitor products. These reagents are stable for 30 to 45 days after mixing at 4°C. The substrate is supplied as two components.

Hazard Identification:

Please see MSDS.

Product Stability, Storage and Specifications:

Lumi Super Tracker shelf life is 18 months when stored in the dark at 2°C to 8°C. Keep container tightly closed. Store Immuno₄ LUMST away from heat or light.

Product Use:

MEMBRANE DIRECTIONS

1. Store the reagents, HRP-A and HRP-B, at 4-8°C.
2. Mix equal volumes of HRP-A and HRP-B **in a clean container** and equilibrate at room temperature for 30 minutes before use.
3. HRP enzyme substrate has a wide range to detect HRP enzyme on a membrane. Lower enzyme detection is at the femto gram level and the highest concentration of HRP enzyme detection may be one nano gram depending on the source of the HRP enzyme.
4. Do not contaminate the HRP enzyme substrate with HRP enzyme or other proteins.
5. For good results, wash your tube, microtiter plate or membrane with 0.2M phosphate buffer, pH 8.4 to 8.6, and then use the substrate.
6. Best results for chemiluminescence can be obtained from 5 minutes to 30 minutes after contacting substrate with HRP enzyme.

These products are for research and manufacturing use only and are not intended for use in humans, therapeutic or diagnostic purposes. Sales are without any seller's warranty or representation, expressed or implied, by usage or otherwise; no claims beyond replacement of unacceptable material or refund of purchase price shall be allowed. All claims must be made within 30 days following date of delivery.