

Write, Glow, Analyze: ← ← ←

LuminolPen™ Transforms Your Western Blots

LuminolPen™, HRP System is a specialized tool for Western Blot experiments, designed to take notes on blots and to bridge the gap between pre-stained protein markers and chemiluminescent signals.



Blue ink transforms to signal on blots

- Visualize pre-stained markers
- Compatible with PVDF/NC
- Works with film/imaging systems
- Improves data management

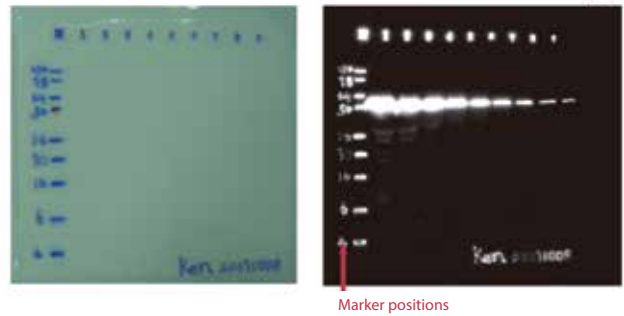
LuminolPen™, HRP System

#LH03-50 1 pen for 1,000 membranes
 #LH03-10 1 pen for 100 membranes



Easily differentiate between similar image data

The unique ink of LuminolPen™ is visible in blue and luminescent under chemiluminescent substrates, allowing researchers to annotate protein ladders before detection. This enables simultaneous visualization of markers and protein signals in one image, enhancing accuracy and efficiency in Western blot analysis.



By annotating each blots, it's easy to differentiate between similar image data.

- Pre-stained marker positions
- Lane numbers
- Sample names
- Antibodies used
- Experimental dates
- Investigator's name

Application of LuminolPen™, HRP System

<p>1 Protein gel electrophoresis</p>	<p>2 Protein transfer</p>	<p>3 Annotate with LuminolPen™</p>	<p>4 Complete Western Blot</p>	<p>5 Visualize results</p>
<p>- Include pre-stained molecular weight markers alongside your samples during electrophoresis.</p>	<p>- After transferring proteins to membrane, gently remove excess liquid from blot with filter paper. Keep the blot slightly damp, avoid over-drying.</p>	<p>- Use LuminolPen™ to mark visible pre-stained protein bands on your membrane. Add notes or labels on the membrane margins in needed.</p>	<p>- Proceed with blocking and subsequent steps of your Western Blot protocol.</p>	<p>- Use film or imaging system to capture signals of the protein target and the marks of LuminolPen™.</p>

Reference

1. Rahman Md Matiur, et al. *Animals* 11.9 (2021): 2506. PMID: 34573471.
 2. Rahman Md Matiur, et al. *Membranes* 13.2 (2023): 185. PMID: 36837688.
 3. Nguyen, Tan Phat, et al. *Fish & Shellfish Immunology* 139 (2023): 108902. PMID: 37330026.

