

Product Datasheet

NovaLume Chemiluminescent Reagent LUM-500-100ml

Unit Size: 100 ml

Store at 4C in the dark.

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LUM-500-100ml**NovaLume Chemiluminescent Reagent**

Product Information	
Unit Size	100 ml
Concentration	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
Storage	Store at 4C in the dark.
Reconstitution Instructions	
Product Description	
Specificity/Sensitivity	NovaLume Chemiluminescent Western Blotting Substrate
Notes	Novus' stabilized NovaLume Chemiluminescent Reagent is Luminol based and can detect horseradish peroxidase at the femtogram level. NovaLume Chemiluminescent Reagent provides superior sensitivity compared to competitor products. These reagents are stable for 30 to 45 days after mixing at 4C. The substrate is supplied as two components.
Product Application Details	
Application Notes	ELISA DIRECTIONS 1. Store the reagents, HRP-A and HRP-B, at 4-8C. 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 in a soluble environment. 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.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Support products are guaranteed for 6 months from date of receipt.

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