



SuperLumia ECL Kit

K22020



Product Information

	Product Name: SuperLumia ECL HRP Substrate Kit		
REF	Catalog Number: K22020	LOT	Lot Number: Refer to vial
	Formulation: Liquid		Size: 30ml /100ml/200ml/500ml
	Storage: Store at 4-8°C. Avoid exposure to intense light.		Note:

Background: The family of SuperLumia ECL substrates is a series of premixed, ready-to-use chemiluminescent reagents for the detection of HRP-based Westerns. SuperLumia ECL Chemiluminescent HRP Substrate Reagent is specially optimized for picogram amounts of antigen detection on immunoblots, with pouring directly onto the blot membrane without worrying about pipetting error. The substrate's intense signal output and duration enables detection of picogram amounts of antigen with photographic or other imaging methods perfectly well.

Product Components: Equal size of Reagent A and Reagent B.

Manual Notes:

1. Mix the two substrate components at a 1:1 ratio to prepare the substrate working solution.
2. Suggest 0.1-0.2ml of SuperLumia ECL working solution for 1 cm² size of blot membrane.
3. Incubate blot 1-5 minutes in SuperLumia ECL Substrate working solution.
4. Drain excess reagent. Cover blot with clear plastic wrap.
5. Expose blot to X-ray film.

Application Notes: For best results, it is essential to optimize all system components including sample amount, antibody concentrations and the membrane and blocking reagents. SuperLumia ECL Reagent is extremely sensitive and requires much less sample and antibodies than most commercially available substrates.

Storage Instructions: Stable for one year at 4-8°C from date of shipment. Exposure to the sun or any other intense light can harm the working solution. Short-term exposure to typical laboratory lighting will not harm the working solution.

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