

Product no AS24 ECL-M-50**AgriseraECL Light****Product information**

AgriseraECL Light enhanced chemiluminescent substrate is a highly sensitive two-component reagent for the quantitative detection of HRP bound to a solid phase or in free solution. The substrate yields a linear response with the concentrations of HRP commonly employed in immunologic assays.

Quantity | 2 x 25 ml, two component ready to use solutions

Storage | Store at 2°C to 8°C. When mixed and stored at 2-8°C in the dark or in a brown bottle, the working solution is stable for 7 days and shows less than a 10% drop in signal and no increase in background.

The substrate is stable at room temperature for six months or for up to 36 months when refrigerated.

Application information**Additional information****Procedure for ELISA:**

1. Let reagent bottles come to room temperature.
2. Prepare Working Solution by mixing equal parts of Part A and Part B.
3. When stored in the dark, the Working Solution is stable for 24 hours at room temperature or for 7 days at 2-8°C.
4. Wash ELISA plate with a Phosphate or Tris-based buffer containing Tween-20 or Triton X-100.
5. Remove excess liquid from the plates.
6. Add 100 µl of Working Solution to each well.
7. Shake the plate for 30-60 seconds at 600-1000 rpm.
8. Read the plate 5-20 minutes after the shaking has been completed.
9. Adjust the luminometer gain and/or integration time to obtain optimal results.

Procedure for Western Blotting:

1. Let reagent bottles come to room temperature.
2. Prepare Working Solution by mixing equal parts of Part A and Part B.
3. When stored in the dark, the Working Solution is stable for 24 hours at room temperature or for 7 days at 2-8°C.
4. For Western Blot, use 0.1 mL Working Solution per square centimeter of membrane.
5. Incubate the blot for 5 minutes in the Working Solution.
6. Remove blot from the Working Solution and drain excess liquid.
7. Place the blot in clear plastic wrap and remove bubbles.
8. Expose the blot to X-ray film or use an imaging system.
9. Adjust exposure time to obtain optimal results.