

EXCELLENT CHEMILUMINESCENT SUBSTRATE (ECL) KIT



Excellent Chemiluminescent Substrate is an enhanced chemiluminescent (ECL) substrate for horseradish peroxidase (HRP) enzyme that provides low picogram detection of proteins in Western blot and ELISA applications. Excellent Chemiluminescent Substrate emits light for longer and chemiluminescent signal at more than twice the intensity of other entry-level luminol-based horseradish peroxidase detection systems while also maintaining sensitivity and low background. In addition, the range of the calibration curve is much wider than other competitors. Also, the greater signal intensity is achieved using less primary and secondary antibody than typical ECL substrates. All of this for about 30% less cost than comparable products.

Product features

- **ECL substrate** – An enhanced chemiluminescent substrate for detection of horseradish peroxidase (HRP) activity of antibodies and other ELISA or Western blot probes;
- **Economy** – Costs less per milliliter than other similarly sensitive chemiluminescent substrates;
- **Picogram sensitivity** – Highly sensitive for the rapid development of a wide range of protein levels;
- **Stable light output** – Long-duration signal makes it possible to make multiple exposures to film;
- **High intensity** – Signal is twice as strong as output from other luminol-based systems;
- **Excellent stability** – 8-hour working solution stability; 1-year kit stability at 2–8°C;
- **Saves antibody** – Requires much less (more dilute) primary and secondary antibodies per blot;
- **Wide range of the calibration curve** – Calibration curves range from 4.00–8000 pg, R2 is 0.992.

Part Number	Product Info	Size
E-IR-R301-250	Excellent Chemiluminescent Substrate (ECL) Kit	250 ML
E-IR-R301-500	Excellent Chemiluminescent Substrate (ECL) Kit	500 ML



Shipping
Time
24h



Shipping
Fees
€ 0



Shipping Fees for temperature
controlled products
€ 0



Minimum
Order
NO



La scelta logica

NAPOLI

Via Pisciarelli, 79
80078 - Pozzuoli (NA), Italia
Tel.: +39.081.610.7435
Fax: +39.081.610.7431

MILANO

Via Mauro Macchi, 8
20124 - Milano (MI), Italia
Tel.: +39.02.3823.4211
Fax +39.081.610.7431

offerte@microtech.eu
microtech@microtech.eu
www.microtech.eu