



Western Blotting Substrate

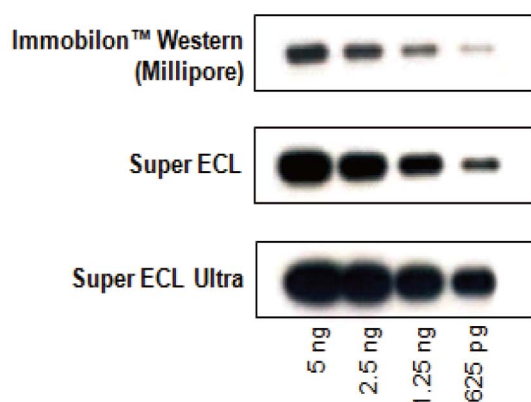
ABP ECL is a chemiluminescent substrate used for chemiluminescence-based immunodetection of horse radish peroxidase (HRP) on western or dot blot membranes. It is a two-part reagent consisting of Reagent A (luminol/enhancer) and Reagent B (peroxide) used in equal volumes to attain the most intense light emission. The signal from ECL substrates can be captured and documented using X-ray film or a capable CCD camera imager.

- ◆ High sensitivity: detect low fg amounts of protein.
- ◆ Low background: high signal to noise ratio.
- ◆ Long lasting signal: carry out exposures at your convenience.
- ◆ Flexible: image chemiluminescence by CCD or film.

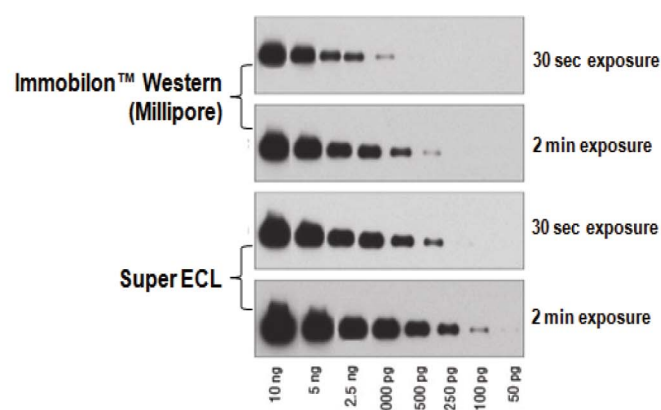


ECL Western Blotting Substrate Selection Guide

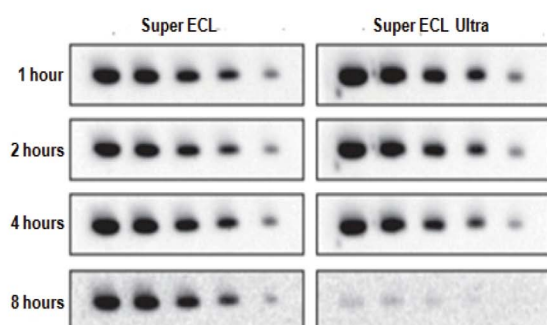
	Immobilon™ Western (Millipore)	Super ECL	Super ECL Ultra
Sensitivity	picogram	low picogram to high femtogram	femtogram
Signal duration	<2 h	<8 h	<4 h
Primary Ab dilution	1:1,000-1:20,000	1:1,000-1:30,000	1:5,000-1:30,000
Secondary Ab dilution	1:20,000-1:200,000	1:50,000-1:200,000	1:100,000-1:300,000
Stability	1 year at 4°C	1 year at 4°C	1 year at 4°C



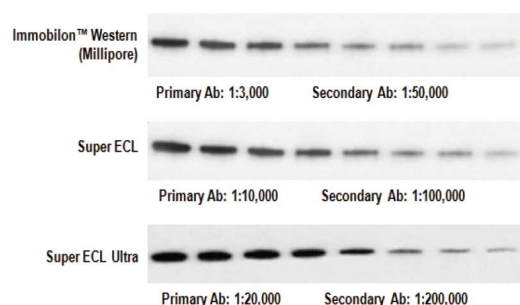
Comparison of sensitivity
Super ECL and Super ECL Ultra have better sensitivity than Millipore Immobilon™ Western.



Comparison of exposure time
Super ECL only needs shorter exposure time than Millipore Immobilon™ Western to get similar sensitivity.



Comparison of signal duration
Super ECL can last 8 hours, Super ECL Ultra can last 4 hours.



Comparison of antibody dilution
Super ECL and Super ECL Ultra only need less antibody than Millipore Immobilon™ Western.

Cat. No.	Product Name	Unit Size	Price
FP300	Super ECL Western Blotting Detection Kit	100 mL	\$120
FP301	Super ECL Western Blotting Detection Kit	500 mL	\$350
FP302	Super ECL Ultra Western Blotting Detection Kit	100 mL	\$200
FP303	Super ECL Ultra Western Blotting Detection Kit	200 mL	\$350
L152A	HRP Goat Anti-Mouse IgG (H+L) Antibody	50 µg	\$30
L152B	HRP Goat Anti-Mouse IgG (H+L) Antibody	250 µg	\$60
L153A	HRP Goat Anti-Rabbit IgG (H+L) Antibody	50 µg	\$30
L153B	HRP Goat Anti-Rabbit IgG (H+L) Antibody	250 µg	\$60