



Support Your Research!!!

EZ-Western Series & Protein Analysis



ISO 9001:2015 GQ-242997
ISO14001:2015 GE-241518
ISO 45001:2018 GO-240735

DoGENBio

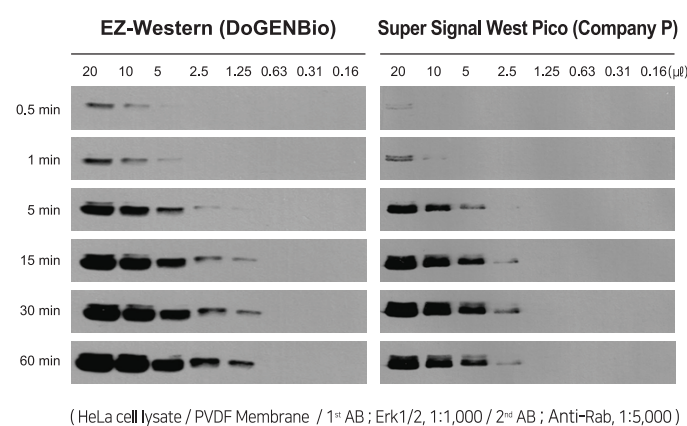
EZ-Western Series (ECL Substrate Kit)

Product for detecting proteins using chemiluminescence detection in Western Blot experiments.

- 1. Available in 5 different configurations to meet various experimental needs
- 2. User-friendly with high-quality performance .
- 3. Enables clear detection of desired bands with minimal background noise
- 4. In-house manufacturing ensures quick delivery.

EZ-Western Kit (ECL Substrate Kit)

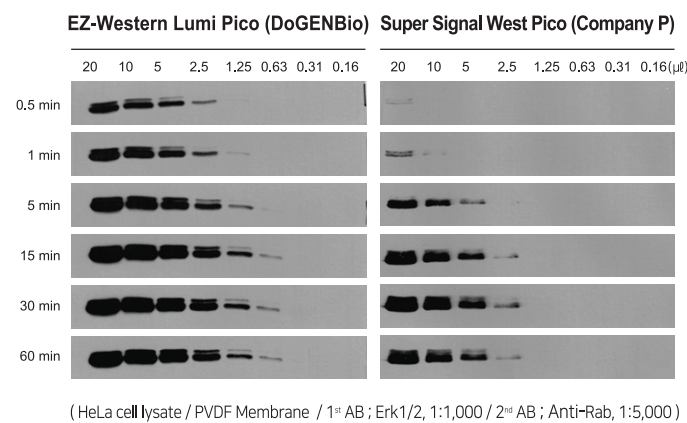
- The most basic solution in the DoGENBio ECL solution series.
- Used when protein samples and antibodies are abundant, or when detecting the target protein in a cost-effective manner.



Product	Cat. No.	Volume
EZ-Western	DG-W100	100 mL (A:50 mL + B:50 mL)
	DG-W250	250 mL (A:125 mL + B:125 mL)
	DG-W500	500 mL (A:125 mL x 2 + B:125 mL x 2)

EZ-Western Lumi Pico Kit (ECL Substrate Kit)

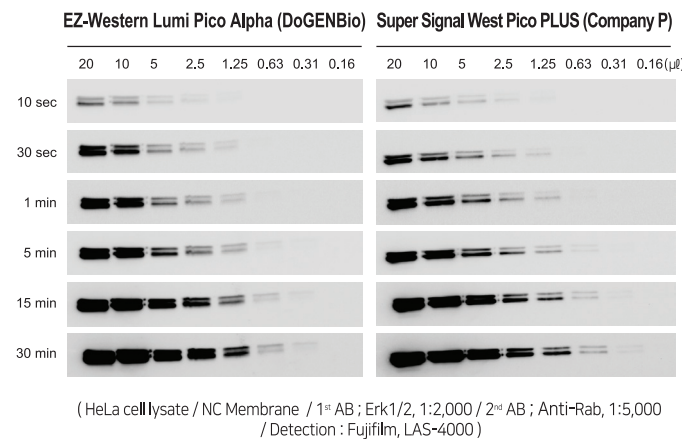
- A general-purpose ECL solution.
- Requires a smaller amount of antibodies compared to other companies' ECL products, allowing for more efficient experiments.



Product	Cat. No.	Volume
EZ-Western Lumi Pico	DG-WP100	100 mL (A:50 mL + B:50 mL)
	DG-WP250	250 mL (A:125 mL + B:125 mL)
	DG-WP500	500 mL (A:125 mL x 2 + B:125 mL x 2)

EZ-Western Lumi Pico Alpha Kit (ECL Substrate Kit)

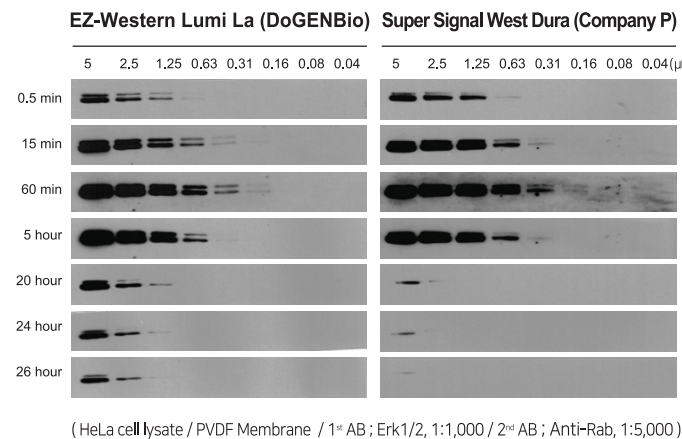
- ECL solution specifically designed for imaging devices (e.g., LAS, Chemi-Doc).
- Provides rapid protein detection with long-lasting signal stability.



Product	Cat. No.	Volume
EZ-Western Lumi Pico Alpha	DG-WPAL120	120 mℓ (A:60 mℓ + B:60 mℓ)
	DG-WPAL250	250 mℓ (A:125 mℓ + B:125 mℓ)

EZ-Western Lumi La Kit (ECL Substrate Kit)

- Highly sensitive, capable of detecting proteins in the mid-femtogram range.
- Enables detection for an extended period after solution application.



Product	Cat. No.	Volume
EZ-Western Lumi La	DG-WD100	100 mℓ (A:50 mℓ + B:50 mℓ)
	DG-WD200	200 mℓ (A:100 mℓ + B:100 mℓ)

EZ-Western Membrane Tray

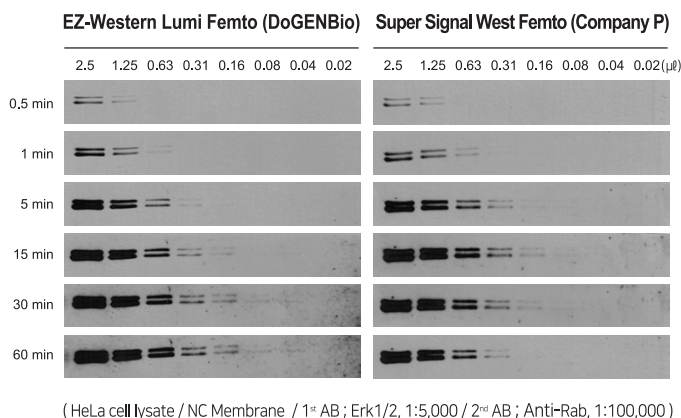
- Used for antibody incubation and membrane washing in Western Blot experiments.
- Enables economical use of antibodies with mini-gel-sized membranes.
- Includes a lid for protection against dust and contaminants.

Product	Cat. No.	Size
EZ-Western Membrane Tray	DG-WMT8	10 X 6 X 2 cm, 8 EA



EZ-Western Lumi Femto Kit (ECL Substrate Kit)

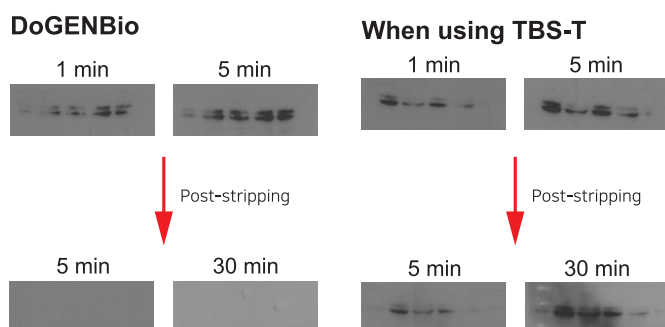
- The most sensitive solution in DoGENBio's ECL solution series.
- Capable of detecting proteins in the low femto gram range.



Product	Cat. No.	Volume
EZ-Western Lumi Femto	DG-WF100	100 mℓ (A:50 mℓ + B:50 mℓ)
	DG-WF200	200 mℓ (A:100 mℓ + B:100 mℓ)

EZ-Western Stripping Buffer

- Used to remove primary and secondary antibodies from transfer membranes (NC, PVDF) during Western Blot experiments.
- Allows confirmation of experiments with limited samples or detection of proteins with the same molecular weight without the need for additional electrophoresis and blotting.
- EZ-Western Stripping Buffer effectively separates antigen-antibody complexes while minimizing antigen denaturation and loss, based on the principles of affinity chromatography.



Product	Cat. No.	Volume
EZ-Western Stripping Buffer	DG-WSB500	500 mℓ

EZ-Gel Staining Solution (CBB Gel Staining Solution)

- A product for staining proteins on polyacrylamide gels after electrophoresis (SDS-PAGE).
- Enables band visualization through D.W. washing with out the need for a de-staining solution.
- Does not result in over-staining, even after prolonged staining.
- Enables amino acid sequence analysis, such as Mass or MALDI-TOF, after staining.

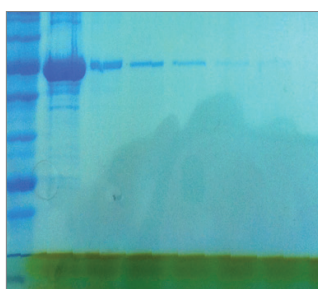


Fig 1. 10min staining

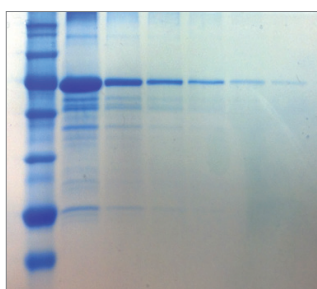


Fig 2. 1hr staining ⇒ D.W

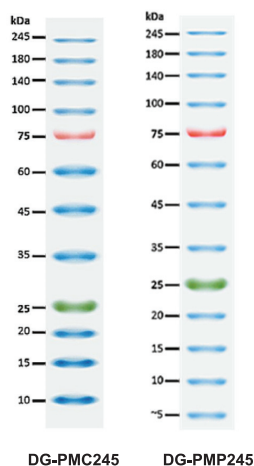
- Standard solution – Bovine serum albumin (Sigma P5369)
- 12% SDS-polyacrylamide gel (10x8cm, 1mm thick, well width 3mm.)



Product	Cat. No.	Volume
EZ-Gel Staining solution	DG-GS1000	1 L

EZ-Perfect Marker (Pre-stained Protein Marker)

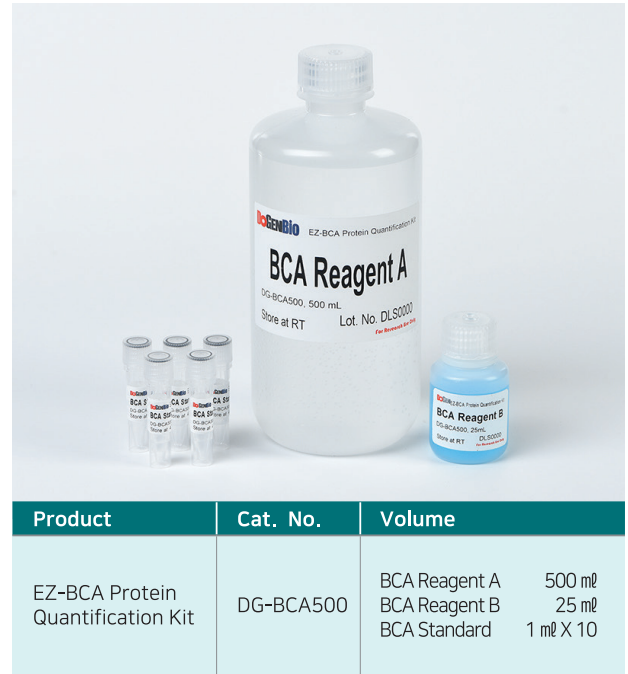
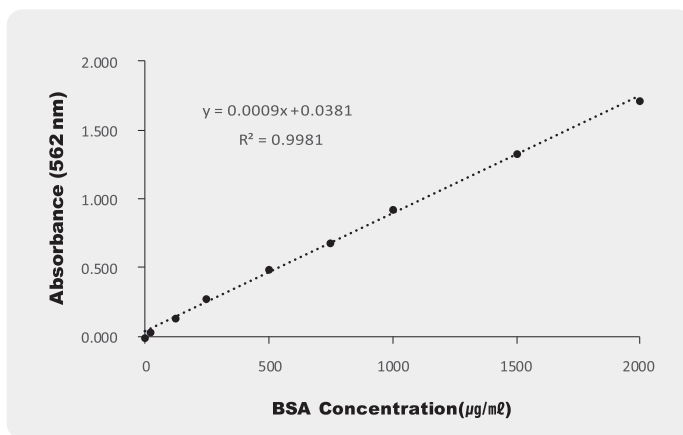
- A pre-stained protein marker used for SDS-PAGE and Western blotting.
- Ready-to-use format that requires no boiling or additional manipulation.
- Manufactured with high-quality recombinant proteins, ensuring precise sizing.
- Facilitates easy identification with sharp, distinct bands.



Product	Cat. No.	Volume
3-Color Regular Range Protein Marker, 10-245kDa	DG-PMC245	250 µl x 2
3-Color Broad Range Protein Marker PLUS, 5-245kDa	DG-PMP245	250 µl x 2

EZ-BCA Protein Quantification Kit

- A kit for colorimetric detection and quantification of total protein using bicinchoninic acid (BCA).
- Minimal variation based on protein type, suitable for concentrations ranging from 0.02 to 2 mg/mL, and unaffected by surfactants.



EZ-Bradford Assay Dye Reagent (Colorimetric)

- A reagent for measuring protein concentration by detecting color changes from the binding of Coomassie Brilliant Blue G-250 dye to amino acids.
- Provides high sensitivity at low concentrations, with a measurable range from 0.01 to 1.4 mg/mL.
- Minimally affected by non-protein components, with the color reaction completing within 5 minutes for fast and easy measurement.

