REAGENTS *EzBlot*

Semi-Dry Blotting Solution Kit

AE-1460 *EzBlot*

Code No.	Type	Name	Quantity	Shipping	Storage
2332600	AE-1460	*EzBlot*	1 set	Room temperature (refrigerable)	Room temperature

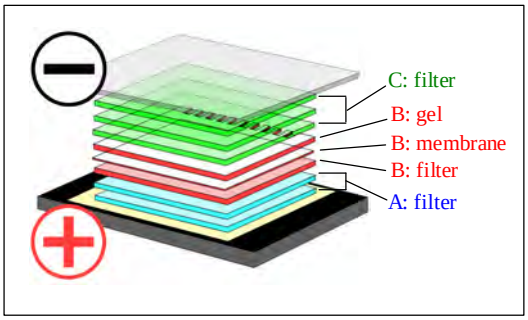
*(refrigerable): shipped frozen. Temporal refrigeration does not affect the quality.

Purpose of Use

EzBlot is a set of blotting solutions designed for semi-dry blotting of proteins using 3-liquid system, which is more efficient than the 1-liquid system (Tris-Glycine-Methanol).

Features

- Applicable to semi-dry blotting using highly efficient 3-liquid system
- Easily prepared only by adding methanol
- Attached with dedicated disposable trays (for filter immersion)
- Low running cost

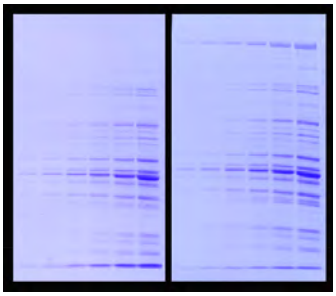


Specifications

Type / name	AE-1460 *EzBlot*
Major components	A-Tris; B-Tris; C-Tris and 6-aminocaproic acid
Manner of package	Each solution-475 mL/bottle; 2 bottles for bottle B Attached with 40 disposable trays
Method of use	Mixed with methanol and placed in trays. Filters are dipped in the solutions and stacked.
Applicable amount	Serve for 2 L (approximately 20 runs of Minigel blotting)
Storage period	At room temperature away from light for 1 year

Detailed Features

CBB staining data



1-liquid system (25 mM Tris, 192 mM glycine, 20% methanol)

3-liquid system *EzBlot*

The blotting solution kit using 3-liquid system is efficiently composed based on the original method of semi-dry blotting. This kit is especially effective for proteins that are difficult to blot, such as high molecular protein, basic protein, glycoprotein or lipoprotein.

Related Products

AE-6687 / 6688

Membrane P

REAGENTS *EzWash*

Membrane Wash Solution for Western Blotting

AE-1480 *EzWash*

Code No.	Type	Name	Quantity	Shipping	Storage
2332620	AE-1480	*EzWash*	1 set	Room temperature (refrigerable)	Room temperature

*(refrigerable): can be shipped together with other articles in refrigeration.

Purpose of Use

EzWash is a membrane wash solution for western blotting, and 10 times concentrated than the most commonly used TBS solution.

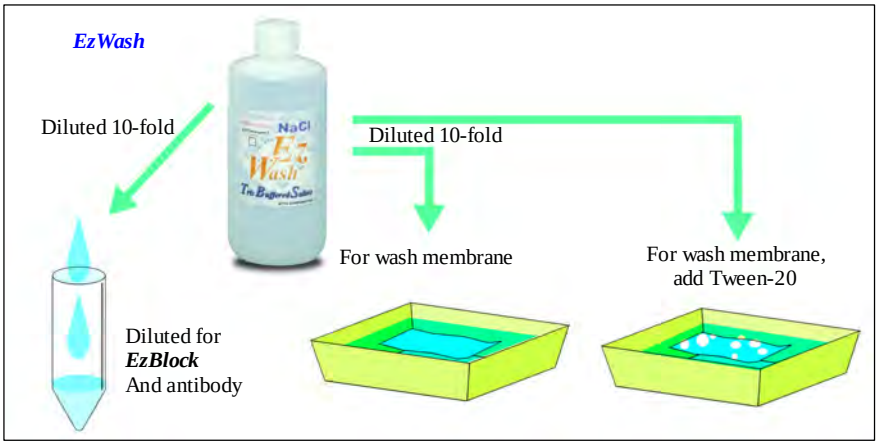
Features

- Most common composition of TBS (Tris-buffer and NaCl)
- Easily prepared by diluting 10 fold
- Free of Tween-20, allowing for your desired concentration
- Low running cost

Specifications

Type / name	AE-1480 *EzWash*
Major components	Tris-HCl buffer pH 7.5, NaCl (final concentrations of 25 mM Tris and 150 mM NaCl)
Manner of package	500 mL/bottle × 2 bottles (10-fold concentration)
Method of use	Diluted 10-fold with distilled water (add Tween-20 if needed)
Applicable amount	Serve for 10 L
Storage period	At room temperature for 1 year

Detailed Features



EzWestBlue

HRP Substrate Solution for Western Blotting

AE-1490 ***EzWestBlue***

Code No.	Type	Name	Quantity	Shipping	Storage
2332630	AE-1490	***EzWestBlue***	1 bottle	4℃	4℃

Purpose of Use

EzWestBlue is a TMB substrate for horseradish peroxidase (HRP), used for color detection of peroxidase on a western blot or dot blot membrane.
Note: not applicable to ELISA

Features

- Substrate for horseradish peroxidase (HRP)
- Ready to use
  Come in a single bottle and no need for preparation
- Highly sensitive, reducing the used amount of valuable antibodies
- Visualized in bright and clear blue
- Safer than diaminobenzidine (DAB)
- Absence of enzyme inhibition due to the absence of organic solvent

Specifications

Type / name	AE-1490 ***EzWestBlue***
Major components	TMB solution (not containing organic solvents) (TMB 3,3',5,5' tetramethylbenzidine)
Manner of package	200 mL/bottle
Method of use	Appropriate amount is applied to the membrane in the tray (approximately 0.1 mL/1 cm^2 membrane) Water-washed after visualization
Applicable amount	Serve for 2000 cm^2(approximately 25 sheets of mini-gel-size membrane)
Storage period	At 4℃ for 6 months

Detailed Features

EzWestBlue was compared with DAB (diaminobenzidine), a general substrate to peroxidase. Either is serially diluted 2-fold and arranged from the right. The results show that EzWestBlue was 8 times sensitive than DAB. The bands are visualized in clear blue.
Blotting membrane: ClearBlot membrane P

Comparison of substratum

DAB ***EzWestBlue***