

## Instructions for 5%BSA sealer

**Item Number:** SW3015

**Specification:** 10mL/100mL/500mL

**Storage:** Store at -20°C for one year.

### Product Introduction:

Western Blocking Buffer produced by Biyuntian can be used for the sealing of PVDF membrane or NC membrane with protein samples transferred in Western. After blocking, it can reduce the non-specific binding of the subsequent primary or secondary antibody to the membrane, reduce the background, and enhance the signal-to-noise ratio.

According to the calculation of 5-10mL of sealing liquid required for each film sealing, a package of Western sealing liquid can seal 10-20 films. The Western Blocking Buffer produced by Biyuntian can be used for the sealing of PVDF membrane or NC membrane with protein samples transferred during Western processing. After blocking, it can reduce the non-specific binding of the subsequent primary or secondary antibody to the membrane, reduce the background, and enhance the signal-to-noise ratio.

According to the calculation of 5-10 ml of sealing liquid required for each film sealing, a package of Western sealing liquid can seal 10-20 films. 5%BSA Blocking Buffer is suitable for blocking non-specific protein binding sites in Western Blotting, ELISA and immunohistochemical tests. After blocking, it can reduce the non-specific binding of the subsequent primary or secondary antibodies to the carrier, reduce the background, and enhance the signal-to-noise ratio to achieve the ideal color rendering effect.

### Usage (for reference only) :

This product is ready-to-use, no need to dilute. In the sealing step, a sufficient amount of BSA sealing liquid is added to fully cover the carrier surface, and the sealing time is oscillated, and the sealing time is determined according to the experiment. Generally, it is closed at room temperature for half an hour to 1 hour, and then subsequent operations such as antibody incubation are carried out.

### Points for attention:

1. Usually close at room temperature for 60min. For some antibodies with a very high background, 4°C can be closed overnight.
2. For your safety and health, please wear a lab coat and wear disposable gloves when operating.

### Related products:

*P1015 4xProtein Loading buffer (DTT included)*

*PE0010 ECL Plus Fluorescence Detection Reagent (ECL Hypersensitive Luminescent Liquid)*

*PR1800 Western blotting Protein MARKER*

*SW3010 Western blotting of membrane regenerated solution*

*T1080 20×TBS*

**Related literature:**

- [1] Lijian Chen,Nan Wang,Xindong Wang,et al. Protein-directed in situ synthesis of platinum nanoparticles with superior peroxidase-like activity, and their use for photometric determination of hydrogen peroxide. *Microchimica Acta*. November 2013. (IF 5.705)
- [2] Youbing Tu,Yubing Liang,Yong Xiao,et al. Dexmedetomidine attenuates the neurotoxicity of propofol toward primary hippocampal neurons in vitro via Erk1/2/CREB/BDNF signaling pathways. *Drug Design, Development and Therapy*. February 2019. (IF 3.208)

**Note: For more information about this product, please refer to the Solarbio website.**