

Easy Chemi Blocking Buffer

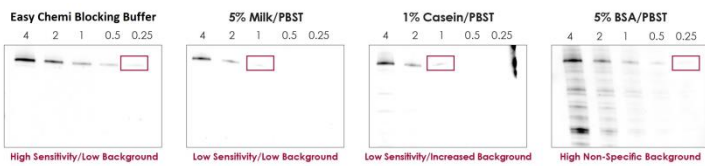
Overview of Easy Chemi Blocking Buffer:

Nepenthe Easy Chemi Blocking Buffer is specifically optimized to enhance antibody-antigen interactions for the best results in chemiluminescent Western Blots. This all-in-one blocking and antibody incubation solution is designed to improve sensitivity and decrease overall background. It reduces non-specific binding caused by low quality antibodies; moreover, signal from the specific antibody-antigen complex is stabilized and enhanced.

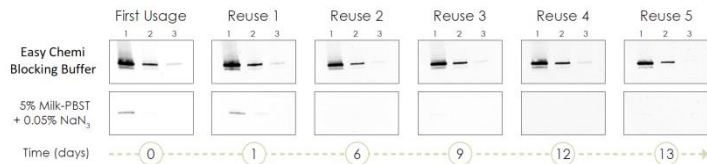
Nepenthe Easy Chemi Blocking Buffer is provided as ready-to-use 1x solution format.

- **ENHANCED SIGNAL** – lower background with certain antibodies
- **LOW BACKGROUND** – Stabilized fluorescence of Fluorescent secondary antibodies
- **SENSITIVITY** – Better signals for low protein sample concentrations
- **READY-TO-USE** – Save preparation and optimization time with pre-made buffer

Nepenthe Easy Chemi Blocking Buffer provides high sensitivity with the lowest background.



Reuse your antibody up to 4 times when diluted in Easy Chemi Blocking Buffer.



Short Protocol:

1. Prepare your protein blot on PVDF or nitrocellulose using your standard technique.
2. Block the membrane for one hour at ambient temperature with gentle agitation using a sufficient volume of buffer to completely cover the membrane.
3. Incubate the blot with the primary antibody diluted in blocking solution for one hour at ambient temperature with gentle agitation.
4. Wash the blot with Easy Western Wash Buffer, PBST or TBST:
 - 2 x quickly (~5 seconds per rinse)
 - 2 x 5 minutes, cover the membrane each time
5. Incubate the blot with the secondary antibody diluted in blocking solution for one hour at ambient temperature with gentle agitation.
6. Wash the blot with Easy Western Wash Buffer, PBST or TBST:
 - 2 x quickly (~5 seconds per rinse)
 - 3 x 5 minutes, cover the membrane each time
7. During the final washing step, prepare a working solution of chemiluminescent substrate.
8. Thoroughly drain all wash solution from the blot then apply the working solution of the chemiluminescent reagent to the blot. Incubate the blot with the reagent for 5 minutes.
9. Drain excess substrate and place the blot in your CCD imager and image.

For Orders:

Catalog Number	Product	Size
NB0503726M1	Easy Chemi Blocking Buffer	500 mL
NB0503726A2	Easy Chemi Blocking Buffer	1 L