

Product No. 05364

WB Stripping Solution

Features

- Strips the antibody from the blotting membrane detected by chemiluminescence detection method after the antigen-antibody reaction on dot blots or Western blots.
- Heating is not required.
- Does not contain 2-mercaptoethanol.
- Ready to use.

Protocol

For blotting membrane (mini gel size), use 20 ml of the product.

1. Wash chemiluminescence stain treated blotting membrane with tPBS or tTBS with 0.05%(v/v)Tween[®] 20 for 5 minutes.
2. Pour enough WB stripping solution into the tray to cover the blotting membrane fully. Shake gently for 5-15 minutes.
3. Dispose stripping solution and wash membrane with tPBS or tTBS for 5 minutes.
4. Washed blotting membrane can be used for a second antigen-antibody reaction.

Confirmation of antibody removal

If antibody remains on the membrane, it can be detected after the new antigen-antibody reaction causing false result.

- Check whether any labeled antibody complex remains after the stripping by repeated chemiluminescence detection.
- Check whether any non-labeled (primary) antibody remains by chemiluminescence detection upon repeated reaction with the secondary antibody.

Caution

- Depending on the strength of the antigen-antibody reaction, the antibody complex may remain on the membrane after 5-15 minutes stripping treatment at room temperature. It is recommended to optimize the conditions beforehand. If antigens remain, it is recommended to extend the stripping time (30 minutes to several hours) and/or raise temperature (37 to 60 °C). Perform blocking again if necessary.
- The product is an acidic solution (pH 2-3). Wear protective chemical-resistant clothes, gloves, and safety eye-wears. If the product accidentally comes into contact with skin, thoroughly wash the skin with water. Contact a physician if necessary.
- This product is not suitable for use for blotting membrane stained with TMB, DAB, 4-chloronaphtol or other visually detectable staining, because these stains do not disappear from the membrane.
- After use, the product shall be neutralized and discarded.
- If the product is mixed with WB Stripping Solution Strong (Product No.05677), a white precipitation will occur. When both products are used in turns, the blotting membrane must be washed thoroughly with a proper buffer or deionized water for 3-5 times. Use separate trays for different reagents.

Storage

Room temperature

Expiration

Expiration date is stated on the product label.

Packing

500 ml (Product No.05364-55)