

Ponceau-S Staining Solution

Protein-transferred membrane staining
for western

User's Manual

Beacle, Inc.
KYOTO JAPAN

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Cautions

1. Research use only. Do not use for medical purpose.

(1) Introduction

Ponceau-S is a dye to staining proteins with reversal manner. Because Ponceau-S can quickly stain and decolorize proteins, and does not interfere the antibody reactions, it is widely used for verify the protein transfer to membranes in western blot. This product is a ready-to-use Ponceau-S solution for the use of protein-transferred membrane.

●Features●

1. Ready to use
2. Membrane can be stained by just soak in the solution for a few min.
3. The staining is reversal and can be decolorized quickly
4. After decolorization, antibody reaction not affected
5. Reasonable price

(2) Product information

This manual is applied to the product listed in the table.

Product #	Product name	content
BCL-PSS-01	Ponceau-S staining solution	500mL

(3) Storage

Store at room temperature.

(4) How to use

1. Removal of membrane
Remove protein-transferred membrane from blotting apparatus.
2. Staining
Put the membrane into plastic box, and pour Ponceau-S staining solution into the box so that the membrane is fully soaked. Let it stay for 2 to 5min while shaking.
3. Decolorization of background
Discard the staining solution from the plastic box, and then add 1% acetic acid solution. While gently shaking, remove excess staining. Normally 2 min is enough to remove background staining, but it is better to examine state of staining by eyes.
(We recommend to take pictures at this stage if needed. To do so, remove the membrane to wet filter paper. Be careful not to dry the membrane)
4. Total decolorization
Discard the solution from the plastic box. Then pour 0.1M NaOH solution (Dissolve 4g of NaOH to 1L of DW) so that the membrane is fully soaked. While gently shaking, remove staining. Normally 10 to 20 sec is enough to remove all staining.
5. Washing
Discard 0.1M NaOH solution, and wash by DW by shaking for 2min. The membrane is now ready to move the process for antibody-reaction step starting from membrane blocking.

(5) Contact information

Beacle, Inc. (manufacturer and distributor)

14-1 Yoshida Kawaracho, Sakyo-ku, Kyoto, 606-8305 Japan

E-mail: technical-support@beacle.com

Website: www.beacle.com