

Product information

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CV1 2019

India Ink Stain Solution

Catalog #: PW006
Size: 100ml
Storage: 4°C*

*: Product will be shipped at ambient temperature. Upon receipt, store at 4°C and protect from light.

Product Description:

India ink (Pelikan 17 black) is used to stain electro-blotted proteins on blot transfer membranes. Transferred proteins (>5 ng/band) appear as black bands on a gray background. Proteins are stained in the India ink solution after electroblotting from one-dimensional or two-dimensional polyacrylamide gels to blot membranes such as polyvinylidene difluoride (PVDF) and nitrocellulose membranes. India ink staining is not suitable for nylon membranes or hydrophobic proteins on membrane. The solution is provided as a 5x Strength solution in PBS.

Contents:

Description	Size
India Ink Stain Solution (5X Strength)	100ml

Procedure:

1. Place blot transfer membrane in a plastic box. Wash with water three times for 5 min each.
2. Wash membrane with 1x PBST two times for 10 min each.
3. Stain membrane with 1X Strength India ink solution for 2 hrs or overnight.
4. Rinse with water until an acceptable background is obtained, then air dry.

Note:

1. The staining box or dish should have dimensions that are similar to the size of the membrane to minimize the volume of staining solution required. The solutions must completely cover the membrane.
2. If the PVDF membrane to be stained has been dried after electro-blotting, then it must first be rewet with methanol and then with deionized water prior to staining. A dry nitrocellulose membrane should be rewet directly with deionized water prior to staining.



PRODUCTS ARE INTENDED FOR BASIC SCIENTIFIC RESEARCH ONLY.
NOT INTENDED FOR HUMAN OR ANIMAL USE.