

ProductInformation

InstaStain[®] Ethidium Bromide Gel Staining Paper

Product Codes I8154 and I8029

Product Description

InstaStain[™] is a unique method for staining nucleic acid electrophoresis gels. Ethidium bromide is fixed on a special paper backing, eliminating the need for staining baths and reducing exposure to the dye. Sensitivity is equivalent to ethidium bromide solution staining. InstaStain is suitable for use with gels up to 7 mm thick and with up to 1.5% agarose concentration.

The gel is covered with a sheet of InstaStain and a moist paper towel. Staining is activated by placing the sandwich in a microwave for a minimum of 5 seconds, and then allowing it to stand for 5 minutes, followed by classical destaining. The sheet format results in less chemical waste than traditional staining solutions. Available in two sizes: 7 x 7 cm and 14 x 14 cm.

Products

- InstaStain Ethidium Bromide Gel Staining Paper, Product Code I8029. 7 x 7 cm. Provided in packages of 100 sheets.
- InstaStain Ethidium Bromide Gel Staining Paper, Product Code I8154. 14 x 14 cm. Provided in packages of 100 sheets.

Precautions and Disclaimer

For R&D use only. Not for drug, household or other uses. Gloves must be worn during use. Avoid touching the unprinted side of the InstaStain paper, as this will affect its ability to stain the gel uniformly.

Procedure

Staining Agarose Gels

1. Perform agarose gel electrophoresis. Place the gel on a piece of plastic wrap and add a few drops of distilled water to the gel surface.
2. Remove the protective backing from the InstaStain sheet and place the sheet (unprinted side down) on top of the gel. Firmly run your fingers over the surface of the sheet to remove any air pockets.
3. Moisten a paper towel with distilled water and place it on top of the InstaStain sheet. Microwave on high power for 5 seconds. Recommended microwave power: 700-1100 watts.
4. Additional bursts of 3 seconds may be necessary to enhance gel staining. **Do not overheat.**
5. Leave the InstaStain sheet on the gel surface for a minimum of 5 minutes to allow the stain to permeate the gel.
6. Destain the agarose gel according to standard protocols (e.g. Sambrook, J.F., *et al.* Molecular Cloning: A Laboratory Manual, Third Edition, Cold Spring Harbor Laboratory Press, New York (2000). (Product Code M 8265)

InstaStain is a trademark of InstaStain, Inc.

11/01