



Applied Biological Materials Inc.

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SafeView Plus™ Nucleic Acid Stain

Store at 4°C

Cat. No.	Description	Quantity
G468	SafeView Plus™	1 ml (10,000X)

Product Description

SafeView Plus™ represents the most sensitive DNA stain in the latest generation of biosafe nucleic acid stains available from **abm**. It can be safely and widely used for the visualization of double-stranded DNA, single-stranded DNA and RNA in agarose or polyacrylamide gels. SafeView Plus™ has been developed to replace toxic ethidium bromide (EtBr, a potent mutagen) and offers a higher sensitivity for staining nucleic acids than SafeView™ Classic.

NOTE: SafeView Plus™ Nucleic Acid Stain is non-carcinogenic but may cause skin and eye irritations. Always wear gloves when working with this product.

Protocol

SafeView Plus™ can be used as a substitute for ethidium bromide for post electrophoresis DNA staining. There is no need to add it to the electrophoresis buffer or casting gel. The fluorescence has an excitation maxima at approximately 490 nm.

1. Prepare staining solution by diluting SafeView Plus™ 1:5,000 - 1:10,000 in TE, TAE or TBE buffer.
2. After performing electrophoresis, place the dye-free gel in a plastic container and cover with the staining solution. Ensure the box is covered to protect the contents from light. Agitate gently and incubate at room temperature for 10 - 40 minutes.
3. No destaining is required - visualize results directly under UV light.
4. The staining solution may be reused up to 4 times. Keep stored at 4°C and protected from light. Do not store the solution in glass containers, as these surfaces adsorb the dye in the solution, reducing the staining efficacy.