

EZ-Safe DNA Reagent

EZ-Safe DNA Stain Buffer

CATALOG #
AAA62164

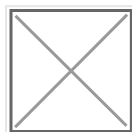
PRODUCT SYNONYMS

EZ-Safe DNA; EZ-Safe DNA Stain Buffer; EZ Safe-Stain DNA Loading Buffer; EZ Safe-Stain DNA Stain Buffer; EZ-Safe DNA reagent

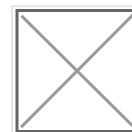
PRODUCT SPECIFICATIONS

Note	1) The thickness of gel could affect the gel sensitivity. 2) EZ Safe-Stain allows visualization of DNA in the agarose gel under blue light. This eliminates the need for exposure to UV light, which can nick and damage DNA. The intact DNA fragments purified from agarose gel can increase the efficiency of subsequent molecular biology manipulations such as cloning, sequencing, transformation and transcription.
Protocol	1. Prepare agarose gel in 1x TBE or 1x TAE (or use a precast agarose gel). 2. Mix well the 6x EZ Safe-Stain DNA loading buffer prior to use. 3. Add 1x EZ Safe-Stain DNA loading buffer to DNA samples or DNA ladders, and then proceed directly to sample loading. 4. Run the agarose gel. 5. Monitor the DNA migration under blue light or with a blue light monitor. 6. Document the image under the UV light. We recommend not using UV light if the DNA fragments are to be used for subsequent cloning or sequencing.
Contents	1 ml (6x) in DNA loading buffer.
Preparation and Storage	Store at 4 degree C in dark, stable for one year from the date of shipment. For long term storage: -20 degree C.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for EZ-Safe DNA reagent	Description: EZ Safe-Stain is an environment safe non-EB nucleic acid stain used for detecting double-stranded DNA in agarose gels. EZ Safe-Stain is supplied in 6x DNA loading buffer which contains three tracking dyes (Bromophenol Blue, Xylene Cyanol FF, and Orange G). EZ Safe-Stain is as sensitive as EB; compared to EB known as a strong mutagen, EZ Safe-Stain is a non-mutagenic stain. EZ Safe-Stain is an environment-friendly non-EB stain for detecting nucleic acid in agarose gels, especially when isolating DNA fragment for subcloning.
Product Categories/Family for EZ-Safe DNA reagent	Reagents and Buffer

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.