



runSAFE stain 1ml/vial

CSL-RUNSAFE

Description

CSL-RUNSAFE is a non-mutagenic fluorescent reagent that produces instant visualization of DNA bands upon Blue Light or UV illumination of agarose gels. Supplied in 6x DNA Loading Buffer, it is used to prepare DNA markers and samples for loading on agarose or polyacrylamide gels. Runsafe is the most sensitive stain available for detecting the double-stranded DNA (dsDNA). It contains three tracking dyes (Bromophenol Blue, Xylene Cyanol FF and Orange G) for visually tracking DNA migration during the electrophoresis process. It is ideal for the environment requiring a safe, non-hazardous alternative to Ethidium Bromide.

Applications

1. Vortex RUNSAFE for 10 seconds prior to use
2. Dilute 1-part RUNSAFE with 5 parts of DNA sample and mix.
3. Load sample and run according to standard procedures.
4. After the electrophoresis, remove gel and place on UV or visible light transilluminator to immediately visualize bands.
5. Gels can be post-stained with Ethidium Bromide if required.

Note

Greater Intensities may be achieved with low copy number samples at 1:3 or 1:4 dilution
Tracking Dyes
Bromophenol Blue, Xylene Cyanol FF and Orange G.

Storage

Store at 4°C for up to 12 months
For long term storage, store at -20°C
RUNSAFE is light sensitive and should be stored away from light sources.

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