DNA Staining Reagent

Catalogue No.:abx299713

DNA Staining Reagent is a sensitive stain for detecting double-stranded DNA (dsDNA). It is provided as a 6X concentrated reagent for preparing DNA markers and samples for loading on agarose or polyacrylamide gels, and is a safe and non-hazardous alternative to ethidium bromide. It contains three tracking dyes (Orange G, Bromophenol Blue and Xylene Caynol FF) for visually tracking DNA migration during electrophoresis.

Approximate fluorescence excitation/emission maxima: 495/537 nm (when bound to nucleic acids).

Target:	DNA Staining Reagent
Tested Applications:	SDS-PAGE
Storage:	Store at 4 °C for up to 12 months.
Buffer:	Contains Orange G, Bromophenol Blue and Xylene Caynol FF.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.
Directions for use:	Vortex for 10 seconds prior to use. For each 500 µl of DNA sample, add 100 µl of DNA Staining Reagent. Mix thoroughly. It is recommended that the DNA mass in the sample is greater than 50 ng, as this will not cause an obvious shift. DNA Staining Reagent should also be added to DNA markers to visualise the ladder bands. Load the sample and run accordingly. After electrophoresis, remove the gel and place a UV or visible-light transilluminator to visualise the bands. If required, gels can be post-stained with ethidium bromide.

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