

Description:

Maximo Fluorescent Reagent is a non-mutagenic reagent that produces instant visualization of DNA bands upon Blue Light or UV illumination of agarose gels. Supplied in GeneON's 6X DNA Loading Buffer, Maximo Fluorescent Reagent is used to prepare DNA markers and samples for loading on agarose or polyacrylamide gels. Maximo Fluorescent Reagent 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 the DNA migration during the electrophoresis process. It is ideal for the environment requiring a safe , non-hazardous alternative to Ethidium Bromide.

Advantages for enduser:

- **Safety:** – Absence of mutagenicity and low toxicity (LC>5000mg/kg) as compared to Ethidium Bromide.
- **Low Environmental Impact:** Compliance with the Clean Water Act standards. No water pollution concern.
- **Sensitivity:** High degree of sensitivity as Ethidium Bromide.
- **Convenience:** Ready to Use; Same application procedures as the 6X Loading Dye.
- **Speed:** No de-staining requirement, low background value, and image displayed after coupling with the nucleic acid.
- **Compatibility:** Use the Blue Light or UV to detect the signal; Broad compatibility range.
- **Economic:** Non-hazardous product; No expenses required for the waste management.

Order Information

Prod. No.	Description	Quantity
3906-300	Maximo Fluorescent reagent 6X	1 ml
3906-310	Maximo Fluorescent reagent 6X	5x 1 ml