



5×DNA Loading Red

Product Number: EP0201

Shipping and Storage

After melting, store at 4°C and permanently store at -20°C.

Components

Component
10mM Tris-HCl
5mM EDTA
pH7.6
0.03% Bromophenol Blue
0.03% Xylene cyanol FF
30% Glycerol
GelRed Nucleic acid dye

Description

GelRed is a new nucleic acid dye. This unique oily macromolecule is not easy to volatilize, sublimate, inhale into human body, penetrate cell membrane into living cells, and has no mutagenicity under gel staining concentration. It has the characteristics of safe use, sensitive detection, etc. It can be used as a staining agent for various nucleic acid electrophoresis, and is suitable for staining of various fragment sizes. It is the perfect substitute for EB. Our company is configured as 5×DNA Loading Red is mixed with the sample and used for spot dyeing.

Specification

500µl

Protocol

1. Used in conjunction with pre stained DNA Mark.
2. Mix 4µl(<500ng) sample and 1µl 5×DNA Loading Red well and let it sit at room temperature for 2 minutes before sampling.
3. Suggest using 1.0-2.0% Agarose, voltage 4-10v/cm, 1×TAE (preferred) or 0.5×TBE Buffer electrophoresis. Pay attention to replacing the electrophoresis buffer in time and using the newly prepared gel to achieve ideal results.
4. Agarose gel does not need any dye. After electrophoresis, the electrophoretic bands can be observed directly under the ultraviolet lamp. Dye compatible with commonly used UV lamps.