



Gel Loading Dye, Three-colour

Description

6xGel Loading Dye, Three-colour is a pre-mixed loading buffer with three tracking dye for agarose and non-denaturing polyacrylamide gel electrophoresis. EDTA is included to chelate magnesium (up to 10 mM) in enzymatic reactions, thereby stopping the reaction. Bromophenol blue, xylene cyanol and orange G are the standard tracking dye for electrophoresis.

Contents

10 mM Tris-HCL (pH 7.6) , 0.03 % Xylene cyanol FF ,0.03 % Bromophenol Blue, 0.15 % Orange G,60 % Glycerol ,60 mM EDTA

Application

Preparation of DNA ladders, markers and samples for loading on agarose or polyacrylamide gels.

Features

Three-color tracking of DNA migration during electrophoresis.

No DNA masking during gel exposure to UV light.

EDTA binds divalent metal ions and inhibits metal dependent nucleases.

Storage

Store at RT .

Quality Assurance Statement

6x Gel Loading Dye, Three-color is assayed for contaminating endonuclease, exonuclease and RNase activity

