



Gel Loading Dye

Description

Gel Loading Dye (6X) is a pre-mixed loading buffer with two 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 and xylene cyanol are the standard tracking dye for electrophoresis

Contents

10 mM Tris-HCL (pH 7.6), 0.03 % Bromophenol Blue, 0.03% Xylene Cyanol, 60 % Glycerol, 60 mM EDTA

Application

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

Features

Two-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

Gel Loading Dye(6X) is assayed for contaminating endonuclease, exonuclease and RNase activity

