

Product Information

Version 4.1, Revision 2013-01-08

A3223 - Gel Loading Dye

BIOMATIK's 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 Room Temperature.

Quality Assurance Statement

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

