



## Gel Loading Dye ,Blue

### Description

6xGel Loading Dye, Blue is a pre-mixed loading buffer with one 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 is the standard tracking dye for electrophoresis.

### Contents

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

### Application

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

### Features

One-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, Blue is assayed for contaminating endonuclease, exonuclease and RNase activity

