

Product Information

ExcelDye™ 6X DNA Loading Dye, Green

DL2000 5 ml × 2 (Green, 6X)

Storage

4°C for 12 months

-20°C for 36 months

Working Reagent Preparation

1:6 dilution per DNA electrophoresis sample.

(1 μ l loading dye for every 5 μ l DNA sample)

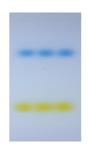


Description

SMOBIO's ExcelDye™ 6X DNA Loading dye (Green) is a pre-mixed buffer for tracking DNA samples during electrophoresis on agarose or polyacrylamide gels. It contains Xylene cyanol FF and Orange G dyes which help with the tracking of DNA migration. The Xylene cyanol FF and Orange G migrate at approximately 800 bp and 30 bp on a standard 2% TAE agarose gel (4,000 and 50 bp on 1% TAE agarose gel). The included glycerol helps keep the DNA at the bottom of the well, and the presence of EDTA chelates any divalent metal ions to prevent the process of a metal-dependent nuclease.

Composition

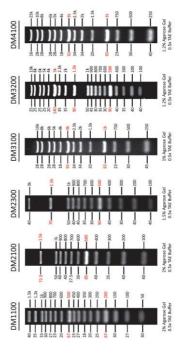
0.03% Xylene cyanol FF 0.15% Orange G 10 mM Tris-HCl (pH 8.0) 60% glycerol 60 mM EDTA





ExcelBand DNA Ladders

DNA Mass (ng/5µl) / Base Pairs (bp)





FluoroBand DNA Ladders

