



TrackIt™ Cyan/Yellow Loading Buffer

Cat. No. 10482-035

Size: 3 x 0.5 ml

Store at room temperature

Introduction

The TrackIt™ Cyan/Yellow Loading Buffer is a 6X solution containing all components required for easy loading and tracking of DNA samples in agarose gels. **The TrackIt™ Cyan/Yellow Loading Buffer is recommended for DNA fragments between 100 bp-10 kb.**

The TrackIt™ Cyan/Yellow Loading Buffer is formulated with unique tracking dyes, Xylene Cyanol FF (XCFF) and tartrazine, that allow you to visually track DNA migration during electrophoresis and also indicate when maximum resolution is achieved. The tracking dyes do not obscure the visualization of DNA bands in the ladder as the dyes run outside the limits of most DNA bands in the ladder.

The buffer is designed for use with TBE/TAE agarose gels and E-Gel® agarose gels but not with polyacrylamide gels.

Specifications

Composition (6X):	60 mM Tris-HCl, pH 7.5; 60 mM EDTA, pH 8.0; 0.36% XCFF; 3.6% tartrazine; 30% glycerol
Storage:	Store at room temperature
Stability:	6 months at room temperature

Part No. 10482035.pps

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This product is distributed for laboratory research only. CAUTION: Not for diagnostic use. The safety and efficacy of this product in diagnostic or other clinical uses has not been established.

For technical questions about this product, call the Invitrogen Tech-Line® U.S.A. 800 955 6288

Directions

Prepare your DNA samples in TrackIt™ Cyan/Yellow Loading Buffer as described below.

TAE/TBE Agarose Gel

TrackIt™ Cyan/Yellow Loading Buffer (6X)	3.3 µl
DNA Sample	x µl
Deionized Water	to 20 µl

E-Gel® Agarose Gel

Prepare a 1:10 dilution of the TrackIt™ Cyan/Yellow Loading Buffer (6X) in deionized water. Use the diluted buffer to prepare samples for E-Gel® agarose gels as described below.

TrackIt™ Cyan/Yellow Loading Buffer (1:10 diluted)	3.3 µl
DNA Sample	x µl
Deionized Water	to 20 µl

Note: You may store the 1:10 diluted TrackIt™ Cyan/Yellow Loading Buffer at room temperature.

Product Qualification

The TrackIt™ Cyan/Yellow Loading Buffer is qualified by refractive index and density measurements. The buffer must meet the set specifications.