

E-Gel® Sample Loading Buffer

Cat. No. 10482055

Size: 4 × 1.25 mL
Store at +4°C

Description

The E-Gel® Sample Loading Buffer is a 1X buffer designed for use with E-Gel® agarose gels. The buffer comes ready to use, and does not require further dilution. It contains the unique tracking dyes Xylene Cyanol FF (XCFE) and Tartrazine. These dyes allow you to visually track DNA migration during electrophoresis, and indicate when maximum resolution is achieved.

Composition

Proprietary

Tracking Dye

0.0094% XCFE

0.0625% Tartrazine

The product is stable for 6 months when stored properly.

Protocol

Add the E-Gel® Sample Loading Buffer to your DNA sample, such that the final volume is 20 µL. Refer to the **E-Gel® Technical Guide** at www.invitrogen.com for information on the appropriate amount of DNA to use for your specific type of E-Gel® agarose gel.

Note: Samples containing ≥50 mM NaCl, 100 mM KCl, 10 mM acetate ions, or 10 mM EDTA (i.e. certain restriction enzyme and PCR buffers) will cause loss of resolution on E-Gel® agarose gels. Dilute samples 2- to 20-fold for normal E-Gel® agarose gels, or 50- to 200-fold for E-Gel® EX agarose gels as directed in the **E-Gel® Technical Guide** for best results.

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