

Datasheet for ABIN1536497

Loading Buffer with Agarose Gel Loading Dye (with ficoll) (6X)

Overview

Quantity: 5 mL

Application: Agarose Gel Electrophoresis (AGE)

Product Details

Characteristics: This dye is used as a loading dye for DNA/RNA samples and DNA markers in agarose gels. It contains Bromophenol Blue and Xylene cyanol as tracking dye during electrophoresis. The EDTA is included in the solution to protect sample from nuclease degradation.

Composition:

Ficoll: 15%

Dye A: approx 4,000 bp in 1% agarose gel

Dye B: approx 300 bp in 1% agarose gel

DNase RNase: Not detected

Stability 4 °C: 6 months

Absorbance of Solution (dilution 1:100 with deionized water) at 525nm - 0.02-0.08, at 588-594nm - 0.1-0.4, at 635-641nm - 0.05-0.2

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 6 X

Storage: 4 °C/-20 °C

Storage Comment: Store at room temperature or at 4°C for six months. For longer periods, store at -20°C.

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Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)