

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

Cat. No. D0084

Size: 5 ml

Version: 08/27/2010

PRODUCT INFORMATION

Description:

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

Applications:

DNA sample preparation for agarose or polyacrylamide gel analysis.

Quality Control:

DNase, RNase	Not detected	
Stability at 4 °C	6 months	
Absorbance of Solution (dilution 1:100 with deionized water)	at 525 nm	0.02~0.08
	at 588-594 nm	0.1~0.4
	at 635-641 nm	0.05~0.2

Storage:

The product can be stored for 6 months at room temperature or 4°C and stored at -20°C for longer periods.

** For non-clinical research use only. **