

## BlueJuice™ Gel Loading Buffer

Cat. no. 10816-015

Size 3 × 1 mL

Store at 2°C to 8°C

Doc. Part no. 10816015.pps

Pub. no. MAN0000909

Rev. 2.0

### Description

BlueJuice™ Gel Loading Buffer (10X) is a liquid buffer containing all of the components necessary for easy loading and tracking of DNA samples in agarose or native polyacrylamide gels.

### Composition of BlueJuice™ Gel Loading Buffer (10x)

- 65% (w/v) Sucrose
- 10 mM Tris-HCl (pH 7.5)
- 10 mM EDTA
- 0.3% (w/v) Bromophenol Blue

### Protocol

We recommend using a 2X concentration (one part BlueJuice™ Gel Loading Buffer plus four parts sample) with all DNA samples run on agarose gels. For acrylamide gels, we recommend using a 1X concentration (one part buffer plus nine parts sample).

**Note:** Concentrations higher than 1X applied to native polyacrylamide gels may cause the bands to “smile” slightly. Any concentration may be used in agarose gels without affecting band appearance (except for bands that may be obscured by the bromophenol blue tracking dye).

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