



## PRODUCT INFORMATION

# 6X DNA Loading Dye

Pub. No. MAN0012965

Rev. Date 22 September 2017 (Rev. B.00)

**#R0611**

**Assembling Lot 00000000**

**Filling Lot 00000000**

**Expiry Date MM.YYYY**

**Store: at room temperature or at 4 °C for periods up to 12 months. For longer periods, store at -20 °C.**

<b>Components</b>	<b>#R0611</b>
6X DNA Loading Dye	5 x 1 mL

## Description

6X DNA Loading Dye is used for loading DNA markers and samples on agarose or polyacrylamide gels. It contains two dyes, bromophenol blue and xylene cyanol FF, for easy visual tracking of DNA migration during electrophoresis.

## Composition

10 mM Tris-HCl (pH 7.6) 0.03 % bromophenol blue, 0.03 % xylene cyanol FF, 60 % glycerol 60 mM EDTA.

## Note

- In 1 % agarose gels bromophenol blue comigrates with ~300 bp fragment and xylene cyanol FF – with ~4000 bp fragment.
- Add 1/6 volume of 6X DNA Loading Dye to your DNA sample.

## QUALITY CONTROL

The quality of the dye was tested spectrophotometrically and by agarose gel electrophoresis.

Quality authorized by:

 Jurgita Zilinskiene

[www.thermofisher.com](http://www.thermofisher.com)

**For Research Use Only.** Not for use in diagnostic procedures.

Rev.6



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