

6X DNA Loading Dye

Catalog#: DSB01-01, 5x1ml

Description

6X DNA Loading Dye is a ready-to-use marker dye used for loading DNA samples into gel electrophoresis wells and tracking migration during electrophoresis. On a typical agarose gel (0.5–1.4%) in 1X TBE, xylene cyanol FF migrates at approximately 4kb, bromophenol blue at approximately 300bp and orange G at approximately 50bp.

Reagents Supplied

6X DNA Loading Dye, 5x1 ml

1X DNA Loading Dye (Green)

15 % Ficoll 400

50 mM EDTA

10 mM Tris-HCl

0.4% orange G,

0.03% bromophenol blue,

0.03% xylene cyanol FF

pH 7.5 @ 25°C

Storage Conditions

4°C

Usage notes:

Use 5 µl of 6X DNA Loading Dye per 25 µl reaction, or 10 µl per 50 µl reaction. Mix well before loading gel.

Quality Control:

6X Gel Loading Dye is assayed for contaminating endonuclease, exonuclease and RNase activity. No contamination found.



Bioland Scientific LLC, 14925 Paramount Blvd, Suite C, Paramount, CA 90723

Tel: (877) 603-8882 Fax: (562)733-6008 Email: service@bioland-sci.com Online: www.bioland-sci.com