

Product Information

Tri-Color 6X DNA Loading Dye, 6 x 1ml

C/No. BIO-5160-6ml
Packaging 6 X 1ml
Storage 25°C – 12 months
-20°C – long term storage

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Description

Used for loading DNA markers and samples on agarose or polyacrylamide gels. It contains three dyes – Orange G, Xylene cyanol FF and Bromophenol blue. This allows better visual tracking of DNA migration during electrophoresis.

6X DNA Loading Dye

0.4% Orange G	36% Glycerol
0.03% Bromophenol blue	10mM Tris-HCl (pH 7.4)
0.03% Xylene cyanol FF	50mM EDTA (pH 8.0)

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Remarks

Mix 1 part of dye solution with 5 parts of DNA sample.



Xylene
Cyanol FF
~ 4000bp

Bromophenol
blue
~ 300bp

Orange G
~ 50bp

C/No. BIO-5160
Tri-Color 6x
DNA Loading Dye

Gel running conditions:

1% Agarose gel
(C/No: BIO-1000)
0.5X TAE

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