

6 x Loading Buffer ORANGE

Cat. No.	size
E0264-01	5 x 1 ml

Storage Conditions:

Store at +4°C (stable for 12 months).

Long term storage: -20°C.

Description:

6 x Loading Buffer ORANGE is designated for preparation DNA samples for loading on agarose and polyacrylamide gels. The glycerol content increases the density of the sample and ensures that DNA form a layer at the bottom of the well. EDTA is known for inhibition of metal dependent nucleases. Tracking dyes permit monitoring of progress of electrophoresis.

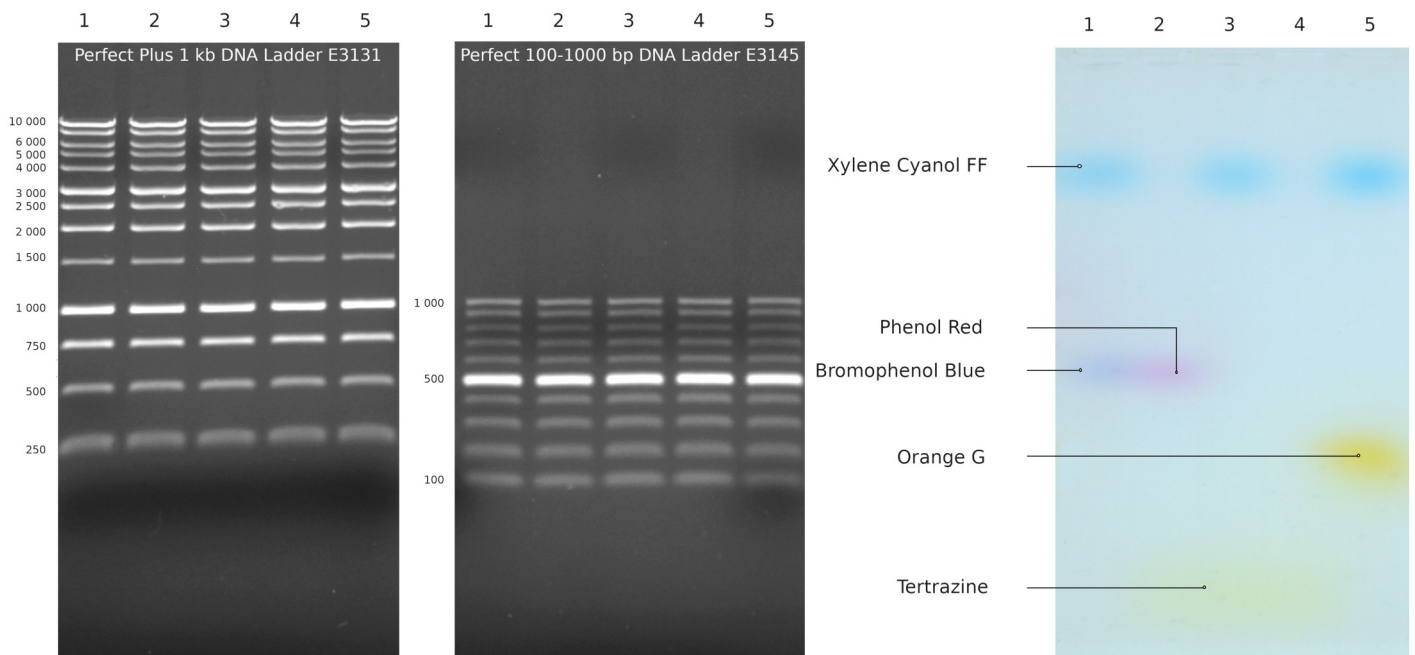
Buffer Composition:

10 mM Tris-HCl (pH 7.6), 60 mM EDTA (pH 8.0), 0.03% xylene cyanol, 0.15% orange G, 60% glycerol.

Recommended use:

Add 1 part of the buffer per 5 parts of DNA sample.

In a 1% agarose gel, xylene cyanol FF migrates together with a band of approximately 10000 bp and orange G - with a band size smaller than 50 bp.



1% agarose gel (E0301-500) in 1xTBE with SimplySafe (E4600)

- 1—Loading Buffer Blue (E0260)
- 2—Loading Buffer Red (E0261)
- 3—Loading Buffer Green (E0262)
- 4—Loading Buffer Yellow (E0263)
- 5—Loading Buffer Orange (E0264)

This product is developed, designed and sold exclusively for research purposes and in vitro use only.

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