

6 x Loading Buffer GREEN

Cat. No.	size
E0262-01	5 x 1 ml

Storage Conditions:

Store at +4°C (stable for 12 months).

Long term storage: -20°C.

Description:

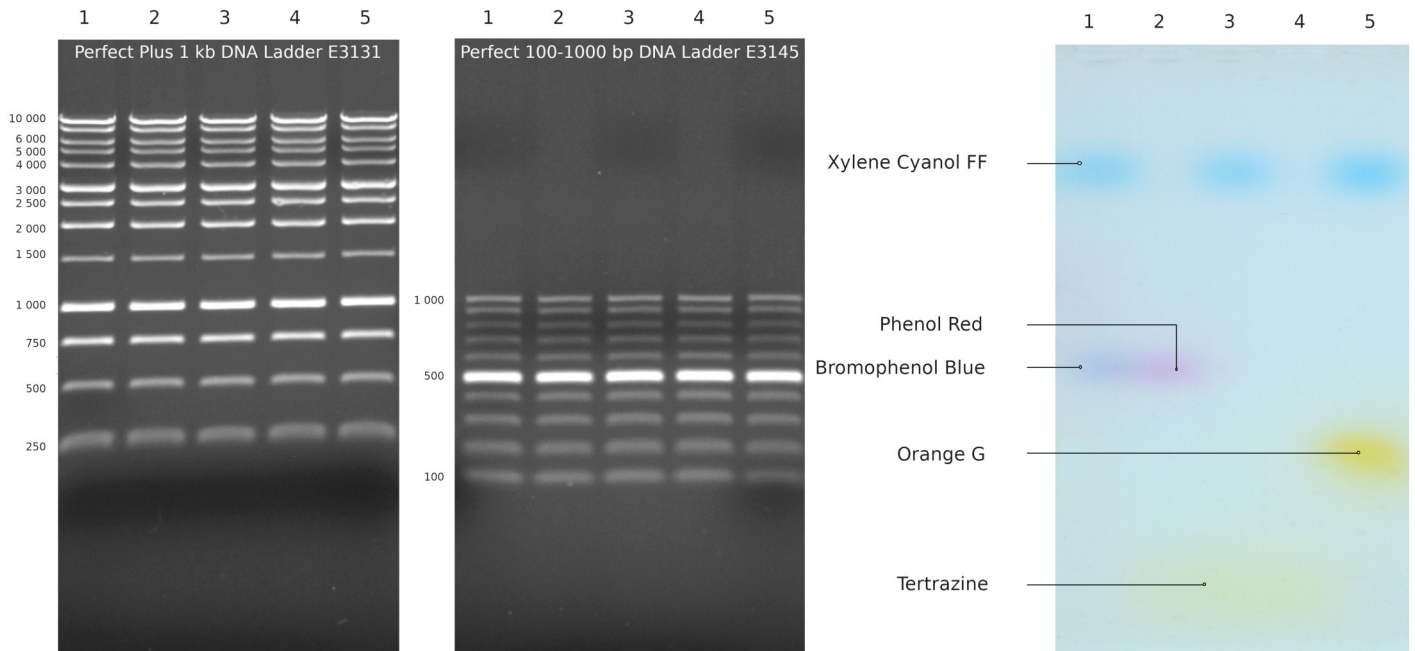
6 x Loading Buffer GREEN is designated for preparation DNA samples for loading on agarose and polyacrylamide gels. The glycerol content increases the density of the sample and ensures that DNA form a layer at the bottom of the well. EDTA is known for inhibition of metal dependent nucleases. Tracking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

Buffer Composition:

100 mM Tris-HCl (pH 8.0), mix of dyes (Xylene Cyanol and EUR_x YELLOW), 30% glycerol, 100 mM EDTA (pH 8.0).

Recommended use:

1. Add 1 part of the buffer per 5 parts of DNA sample.
2. The exact position of EUR_x YELLOW Dye and Xylene Cyanol depends on the percentage of agarose gel and buffer system used (see below).



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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