EURX



roboklon

Loading Buffer GREEN

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6 x concentrated gel loading buffer Description:

 Cat. No.
 Size

 E0262-01
 5 x 1ml

Storage Conditions:

Store at +4°C (stable for 12 months) Long term storage at -20°C.

- → 6 x Loading Buffer GREEN is designed for preparing DNA samples to load 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 inhibits metal dependent nucleases.

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➔ Tracking dyes permit monitoring of progress of electrophoresis.

Buffer Composition:

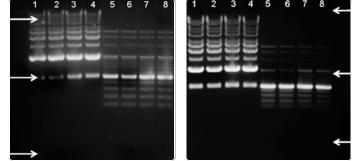
100 mM Tris-HCI (pH 8.0), mix of EURx dyes (Xylene Cyanol and EURx YELLOW), 30% glycerol, 100 mM EDTA (pH 8.0).

Recommended use:

- 1. Add 1 part of the buffer per 5 parts of DNA sample.
- 2. The exact position of dyes: Migration behavior of dyes (Xylene Cyanol and EURx YELLOW depends on both percentage of agarose gel and the buffer system in use (see below).

Xylene Cyanol

Bromophenol Blue, EURx RED



Xylene Cyanol

Bromophenol Blue, EURx RED

EURx Yellow

EURx Yellow

- 1 Perfect 1 kb DNA Ladder (E3130) with Loading Buffer BLUE (E0260-01)2 Perfect 1 kb DNA Ladder (E3130) with Loading Buffer RED (E0261-01)
- 3 Perfect 1 kb DNA Ladder (E3130) with Loading Buffer GREEN (E0262-01)
- 4 Perfect 1 kb DNA Ladder (E3130) with Loading Buffer YELLOW (E0263-01)
- 5 Perfect 100 bb DNA Ladder (E3134) with Loading Buffer BLUE (E0260-01)
- 6 Perfect 100 bb DNA Ladder (E3134) with Loading Buffer RED (E0261-01)
- 7 Perfect 100 bb DNA Ladder (E3134) with Loading Buffer GREEN (E0262-01)
- 8 Perfect 100 bb DNA Ladder (E3134) with Loading Buffer YELLOW (E0263-01)

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