



roboklon

Loading Buffer BLUE

Loading Buffer BLUE

Cat. No.	Size
E0260-01	5 x lml

Storage Conditions:

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

6 x concentrated gel loading buffer

Description:

- → 6 x Loading Buffer BLUE 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.

R |

→ Tracking dyes permit monitoring of progress of electrophoresis.

Buffer Composition:

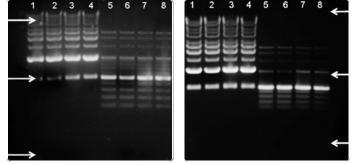
100 mM Tris-HCl (pH 8.0), mix of dyes (Xylene Cyanol and Bromophenol Blue), 30% glycerol, 100 mM EDTA (pH 8.0).

Recommended use:

- 1. Add 1 part of the buffer per 5 parts of DNA sample.
- 2. The exact position of dyes: Migration behavior of Bromophenol Blue and Xylene Cyanol 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)

ROBOKLON GMBH | ROBERT-RÖSSLE-STR.10 B55 | D-13125 BERLIN | GERMANY FAX 030 / 310 19 19 7 | PHONE 030 / 318 09 37 2 | WWW.ROBOKLON.DE MANUFACTURED BY EUR× Sp. z o.o. POLAND | WWW.EURX.COM.PL | MADE IN THE EU ONLY FOR DIAGNOSTIC, RESEARCH AND IN-VITRO USE