

# 50bp Ladder

**Cat. No: M1041 (50 $\mu$ g)/M1042 (5 $\times$ 50 $\mu$ g)**

**Concentration: 76ng/ $\mu$ l**

## Description

50bp ladder is ideal for determining the size of double-stranded DNA from 50 to 500 base pairs. The ladder consists of 8 linear double-stranded fragments. The **250bp** fragment is present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. For 5  $\mu$ l loading, all fragments except 250bp are 40ng. The 250bp fragment is 100ng. This ladder is pre-mixed with loading dye and is ready to use.

## Recommended Loading

2-5  $\mu$ l/lane

## Concentration

Typical Bands 100ng/5 $\mu$ l

Other Bands 40ng/5 $\mu$ l

## Recommended Electrophoresis Condition

5  $\mu$ l/lane, 8cm 3% Agarose Gel, 0.5 $\times$ TBE, 5V/cm, 1h.

## Contents (bp)

50、100、150、200、**250**、300、400、500.

## Storage

Stable for 3 months at RT, for long-time storage, please store at -20 $^{\circ}$ C.

