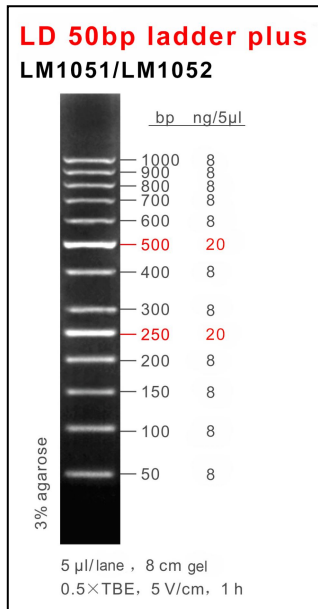


# LD 50bp Ladder Plus



## Product Name

LD 50bp Ladder Plus

## Cat. No./Spec.

LM1051/60 preps, LM1052/60 preps×3

## Description

LD 50bp Ladder Plus is an ideal DNA Ladder for determining the size of double-stranded DNA (dsDNA) from 50 to 1000 base pairs (bp). The ladder consists of 13 linear dsDNA fragments. The **250bp** and **500bp** fragments are present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. This ladder is pre-mixed with loading dye and is ready to use.

This product is an LD series DNA Marker, suitable for use with non-toxic nucleic acid dyes during the pre-staining of agarose gels.

## Recommended Amount

5 µl/lane

## Recommended Electrophoresis Condition

5 µl/lane, 8cm 3% Agarose Gel, 0.5×TBE, 5V/cm, 1h.

## Bands (bp)

50、100、150、200、**250**、300、400、**500**、600、700、800、900、1,000.

## Concentration

Total concentration, 25.6 ng/µl

Typical bands, 20 ng/5µl

Other bands, 8 ng/5µl

## Storage Condition

Stable for 3 months at RT, for long-time storage, please store at -20°C.