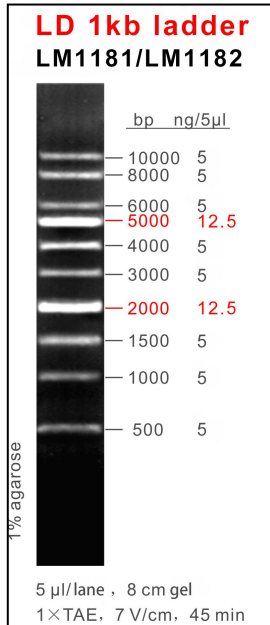


# LD 1kb Ladder



## Product Name

LD 1kb Ladder

## Cat. No./Spec.

LM1181/50 preps, LM1182/50 preps×5

## Description

LD 1kb Ladder is an ideal DNA Ladder for determining the size of double-stranded DNA (dsDNA) from 500 to 10,000 base pairs (bp). The ladder consists of 10 linear dsDNA fragments. The **2,000bp** and **5,000bp** 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, 8 cm 1% Agarose Gel, 1×TAE, 7 V/cm, 45min.

## Bands (bp)

500、1,000、1,500、**2,000**、3,000、4,000、**5,000**、6,000、8,000、10,000.

## Concentration

Total concentration, 13 ng/µl

Typical bands, 12.5 ng/5µl

Other bands, 5 ng/5µl

## Storage Condition

Store unopened at room temperature or 4°C for 2 years.