

# LD 100bp Ladder Plus

**Cat. No.: LM1071 (60 preps)/LM1072 (60 preps×3)**

**Concentration: 34ng/μl**

## Description

LD 100bp ladder plus is ideal for determining the size of double-stranded DNA from 100 to 3,000 base pairs. The ladder consists of 14 linear double-stranded fragments. The **500bp** and **1,200bp** fragments are present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. For 5 μl loading, all fragments except 500bp and 1,200bp are 10ng. The 500bp and 1,200bp fragments are 25ng. This ladder is pre-mixed with loading dye and is ready to use.

**LD DNA Marker is suitable for pairing with non-toxic nucleic acid dyes when pre-staining the gel.**

## Recommended Loading

5 μl/lane

## Concentration

Typical Bands 25ng/5μl

Other Bands 10ng/5μl

## Recommended Electrophoresis Condition

5 μl/lane, 8cm 1.7% Agarose Gel, 0.5×TBE, 5V/cm, 1h.

## Contents (bp)

100、200、300、400、**500**、600、700、800、900、1,000、**1,200**、1,500、2,000、3,000.

## Storage

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

