

LD 1kb Ladder

Cat. No.: LM1181 (50 preps)/LM1182 (50 preps×5)

Concentration: 13ng/μl

Description

LD 1kb ladder is ideal for determining the size of double-stranded DNA from 500 to 10,000 base pairs. The ladder consists of 10 linear double-stranded 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. For 5 μl loading, all fragments except 2,000bp and 5,000bp are 5ng. The 2,000bp and 5,000bp fragments are 12.5ng. 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, 12.5ng/5μl

Other Bands, 5ng/5μl

Recommended Electrophoresis Condition

5 μl/lane, 8 cm 1% Agarose Gel, 1×TAE, 7 V/cm, 45min.

Contents (bp)

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

Storage

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

