

LD 1kb Ladder Plus

Cat. No.: LM1191 (60 preps)/LM1192 (60 preps×5)

Concentration: 14.4ng/μl

Description

LD 1 kb ladder plus is ideal for determining the size of double-stranded DNA from 100 to 10,000 base pairs. The ladder consists of 15 linear double-stranded fragments. The **500bp** and **3,000bp** 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 500bp and 3,000bp are 4ng. The 500bp and 3,000bp fragments are 10ng. 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, 10ng/5μl

Other Bands, 4ng/5μl

Recommended Electrophoresis Condition

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

Contents (bp)

100、200、300、400、**500**、700、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.

