

LD 500bp Ladder

Cat. No.: LM1251 (60 preps)/LM1252 (60 preps×3)

Concentration: 11.5ng/μl

Description

LD 500bp ladder is ideal for determining the size of double-stranded DNA from 500 to 5,000 base pairs. The ladder consists of 10 linear double-stranded fragments. The **2,000bp** fragment is 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 are 5ng. The 2,000bp fragment is 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**、2,500、3,000、3,500、4,000、4,500、5,000.

Storage

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

