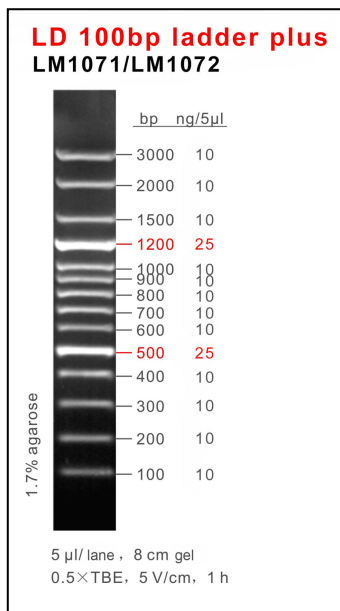


LD 100bp Ladder Plus



Product Name

LD 100bp Ladder Plus

Cat. No./Spec.

LM1071/60 preps, LM1072/60 preps×3

Description

LD 100bp Ladder Plus is an ideal DNA Ladder for determining the size of double-stranded DNA (dsDNA) from 100 to 3,000 base pairs (bp). The ladder consists of 14 linear dsDNA 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. 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, 8cm 1.7% Agarose Gel, 0.5×TBE, 5V/cm, 1h.

Bands (bp)

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

Concentration

Total concentration, 34 ng/µl

Typical bands, 25 ng/5µl

Other bands, 10 ng/5µl

Storage Condition

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