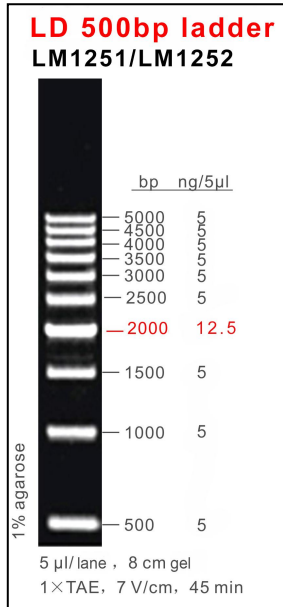


LD 500bp Ladder



Product Name

LD 500bp Ladder

Cat. No./Spec.

LM1251/60 preps, LM1252/60 preps×3

Description

LD 500bp Ladder is an ideal DNA Ladder for determining the size of double-stranded DNA (dsDNA) from 500 to 5,000 base pairs (bp). The ladder consists of 10 linear dsDNA fragments. The **2,000bp** fragment is 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, 8 cm 1% Agarose Gel, 1×TAE, 7 V/cm, 45min.

Bands (bp)

500、1,000、1,500、**2,000**、2,500、3,000、3,500、4,000、4,500、5,000.

Concentration

Total concentration, 11.5 ng/µl

Typical bands, 12.5 ng/5µl

Other bands, 5 ng/5µl

Storage Condition

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