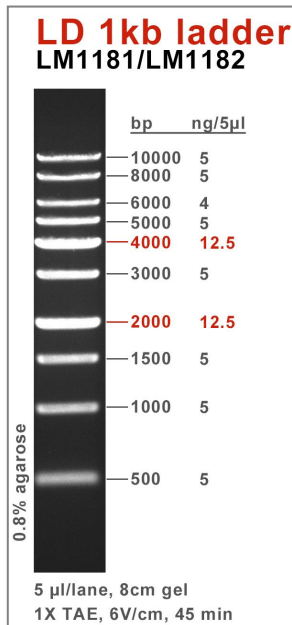


LD 1kb Ladder



Product Name

LD 1kb Ladder

Cat. No./Spec.

LM1181/50 preps, LM1182/50 preps×5

Description

LD 1kb Ladder is an ideal DNA Ladder for determining the size of double-stranded DNA (dsDNA) from 500 to 10,000 base pairs (bp). The ladder consists of 10 linear dsDNA fragments. The **2,000bp** and **4,000bp** 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, 8 cm 0.8% Agarose Gel, 1×TAE, 6 V/cm, 45min.

Bands (bp)

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

Concentration

Total concentration, 12.8 ng/µl

Typical bands, 12.5 ng/5µl

Other bands, 5 ng/5µl (except 6000bp, 4ng/5µl)

Storage Condition

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