

100 bp DNA ladder, LD, 100-3000bp

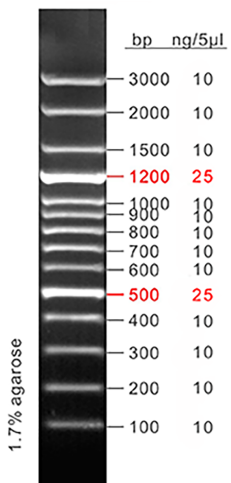
Cat# NA-M004

store at at -20 °C

INFORMATION

Size	50µg/50ugx5
Recommended Loading	3-5 µl/Lane
Concentration	Typical Bands 25 ng/5µl Other Bands 10 ng/5µl
Recommended Electrophoresis Condition	5 µl/Lane, 8 cm 1.7% Agarose Gel, 0.5×TBE,5V/cm, 1h.
Contents (bp)	100、200、300、400、500、600、700、800、900、1,000、1,200、1,500、2,000、3,000.
Storage	Stable for 3 months at RT, for long-time storage, please store at -20°C
Description	LD 100bp ladder plus is ideal for determining the size of double-stranded DNA from 100 to 3,000 base pairs. The ladder consists of 14 linear double-stranded 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. For 5 ul loading, all fragments except 500bp and 1,200bp are 10ng. The 500bp and 1,200bp fragments are 25ng. 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.
Recommendations	Do not heat before loading. For quantification, adjust the concentration of the sample to equalize. It approximately with the amount of DNA in the nearest band of the ladder.

PRODUCT USE LIMITATION


 5 µl/lane . 8 cm gel
 0.5×TBE, 5 V/cm, 1 h