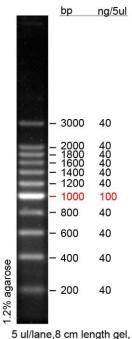
DNA Ladders

Omega Biotek offers a wide range of products for the accurate size and mass determination of DNA. Most of DNA Ladder includes one or two higher-intensity bands for easy identification and orientation. The ladders are supplied premixed with loading buffer and are stable at room temperature for a few weeks. There is no need to heat, mix, or dilute ladders prior to loading them on gel.

200bp DNA Ladder

- CAT.No.: M02-01
- Packing: 250 ul
- Concentration: 0.100 ug/ul
- Store: at 4° C for periods up to 6 months. For longer periods store at -20° C.
- **Description:** 200bp DNA Ladder is designed for sizing and approximate quantification of wide range linear double-stranded DNA fragments on agarose gel. The ladder is composed of ten purified individual DNA fragments (in base pairs):3000,2000,1800,1600,1400,1200,1000,800,600,400,200. It contains one high-intensity band (1000 bp) for easy identification and orientation.
- Direction:
 - \diamond This product can load directly, since it contains 1×loading buffer. It is free of fluorescence dye such as EtBr.
 - For a loading well less than 6mm in width, 5ul of this product is enough for clear bands. For a wider well, more product may be required.
 - Gel and buffer may effect the electrophoresis. For better result, please use high quality agarose and fresh running buffer. 1.2% agarose gel is recommended.

• Electrophoresis Map:



1×TAE,7V/cm,1h