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.

DL2000 DNA Marker

CAT.No.: M10-01Packing: 250 ul

Concentration: 0.0492ug/ul

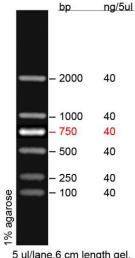
• Store: at 4℃ for periods up to 6 months. For longer periods store at -20℃.

• **Description:** DL2000 DNA Marker is designed for the fast sizing and approximate quantification of double-standed DNA fragments The band pattern is excellent separated under a wide range of electrophoresis conditions in agarose gels. The ladder is mixtures of six purified individual DNA fragments (in base pairs):2000,1000,750,500,300,100.

• Direction:

- ♦ 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% agarose gel is recommended.

Electrophoresis Map:



5 ul/lane,6 cm length gel, 1×TAE,7V/cm,30 min