

## 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.

## HT DNA Marker I

- **CAT.No.:** M04-01
- **Packing:** 250ul
- **Concentration:** 0.050 ug/ul
- **Store:** at 4°C for periods up to 6 months. For longer periods store at -20°C.
- **Description:** DL2000 is specifically designed for fast sizing and approximate quantification of high-range double-stranded DNA in 48 well ( or 96-well ) high throughput gels, as well as in conventional agarose gels. The ladder is mixtures of five purified individual DNA fragments (in base pairs): 5000, 3000, 2000, 1000, 500.
- **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. 1.0% agarose gel is recommended.
- **Electrophoresis Map:**

