

DL2000 DNA Marker

(DM001)

Product Description

DL2000 DNA Marker is compatible with non-toxic nucleic acid stains including **GelRed**, **GelGreen**, and other new-generation non-toxic dyes for gel staining. It consists of **6 linear double-stranded DNA fragments** for DNA band analysis in agarose gel electrophoresis.

The band sizes are: **100 bp, 250 bp, 500 bp, 750 bp, 1000 bp, 2000 bp**.

In 5 µL of the product, each band is approximately **50 ng**, with the bright band at about **120 ng**.

Supplied in **1× Loading Buffer**, ready for direct electrophoresis.

Components

Product Name	Cat. No.	Volume
DL2000 DNA Marker	DM001	500 µL

Storage Conditions

Storage: **-30 ~ -15 °C**

Shipping: **≤ 0 °C**

Precautions

1. Wear a lab coat and disposable gloves for your safety.
2. This product is optimized for non-toxic dyes. Migration differences may occur with small-molecule toxic stains such as EB or Goldview.
3. Mix thoroughly before use. Replace electrophoresis buffer and use freshly prepared gel for optimal results.

Instructions

1. Leave at room temperature for several minutes before use. Mix gently after thawing, spin briefly, then use.
2. Recommended conditions: **1.0–2.0% agarose gel**, voltage **5–10 V/cm**, running in **1×TAE buffer**.
3. Load **5 µL** of DL2000 DNA Marker per well (increase volume appropriately for wider wells or thicker gels).

Electrophoretogram

