

## **Product Components**

Components	Component number	Size-1	Size-2
		500 μL	2.5 mL
DL15000 DNA Marker	RM30232	1 × 500 μL	5 × 500 μL

# **Product Description**

The DL15000 DNA Marker is a ready-to-use DNA Marker, which is pre-mixed with loading dye for direct gelloading. This product consists of 7 individual DNA fragments: 250 bp, 1000 bp, 2500 bp, 5000 bp, 7500 bp, 10000 bp and 15000 bp derived from amixture of PCR products and specifically digested plasmid DNA.

### Storage

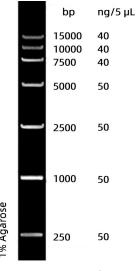
Store at -20°C for long-term storage. Store at 4°C after thawing for short-term use and avoid repeated freezing and thawing.

#### **Notes**

- 1. Please thaw and mix thoroughly before use.
- 2. Please change the electrophoresis buffer in time, and use freshly prepared agarose gel to avoid affecting the electrophoresis results.

# **Experiment Process**

- 1. As a ready-to-use product, load 5  $\,\mu$ L on gel for each sample is recommended, and if the well is wide, loading volume can be increased appropriately for electrophoresis.
- 2. The recommended condition is 1× TAE buffer or 0.5× TBE buffer, 1% agarose gel, and 5 V/cm between positive and negative electrodes.
- 3. Use UV transilluminator to detect DNA bands stained with nucleic acids stain dye.
- 4. The electrophoresis results of the DL15000 DNA Marker are shown below.



DL15000 DNA Marker