Product Information

15000bp DNA Ladder

Catalog Numbers: DL2037

Packaging Size: 0.5 mL (0.064mg/mL)

Storage and Handling

Store at 4℃ for six months, or at -20℃ for two years.

Product Description

15000bp DNA Ladder consists of 7 individual chromatography-purifed DNA fragments. It is suitable for the analysis of DNA bands in agarose gel electrophoresis. It is not recommended for Acrylamide gel electrophoresis. This product is a ready-to-use product that already contains 1 × Loading Buffer. It can be directly loaded with electrophoresis according to the needs of the experiment. It is easy to use and the electrophoresis image is clear.

The product contains two dyes (cyan dye and yellow dye), which will be separated during electrophoresis to monitor the migration progress. The cyan dye has the same mobility as the 3-5kb DNA fragment in a 1% agarose gel, and the yellow dye in a 1% agarose gel migrates faster than the primers (<50bp).

Bands composition

250 bp, 1000 bp, 2500 bp, 5000 bp, 7500 bp, 10000 bp, 15000 bp

Features

It is suitable for accurately determining the size of DNA fragments in the range of 250 bp-15000 bp.

Protocol

1. For electrophoresis with UE S2001 Super GelRed®, take 1-2 μL (if using common nucleic acid dyes on the market, it is recommended to load 5 μL) and add it to the agarose gel sample well. If the sample well is wide, you can increase the amount of sample to perform electrophoresis.
2. The recommended electrophoresis conditions are 1% agarose gel with a voltage of 5V / cm.
3. Stain with Super GelRed® or other dyes and observe the electrophoretic bands.

Recommended running buffer

TBE

Note

1. Thaw thoroughly before use.
2. Please change the running buffer in time and use a new gel to avoid affecting the electrophoresis results.

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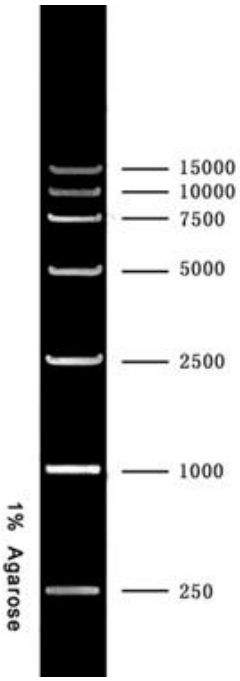

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