



Ver. HB221104

GoldBand™ DL5000 DNA Marker

Product description

The GoldBand™ DL5,000 DNA Marker consists of nine double-stranded DNA fragments (100, 250, 500, 750, 1,000, 1,500, 2,000, 3,000, 5,000 bp). Since this product is premixed with 1 × loading dyes, it can be used in agarose gel electrophoresis directly. The concentration of 500 and 1,500 bp fragments is 125 ng/5 μL, and the concentration of other fragments is 50 ng/5μL. This product is suitable for the analysis of DNA fragments in agarose gel electrophoresis and is not recommended for polyacrylamide gel electrophoresis.

Components

Components No.	Name	10504ES60 (100T)	10501ES80 (10×100T)
10504-A	GoldBand™DL5000 DNA Marker	500 μL	10×500 μL
10504-B	5×DNA Loading buffer	1 mL	10×1 mL

Specifications

Gel type	Agarose
Product type specs	Mixture of DNA molecular weight standards
Size range	100bp—5000bp
Gel compatibility	Agarose gel

Shipping and Storage

The product is shipped with ice pack and can be stored at 2°C ~ 8°C for 6 months, or stored at -15°C ~ -25°C for 12 months. Avoid repeated freeze thawing.

Instructions

1. The loading volume of marker is 5 μL. If gel wells are wider than the conventional, the loading volume needs to be increased appropriately.
2. It is recommended to use 1.0-2.0% Agarose, voltage 4-10 V/cm, 1 × TAE (preferred) or 0.5 × TBE buffer for electrophoresis.
3. Stain with nucleic acid dye such as EB or YeaRed, and observe the electrophoretic results under UV light.

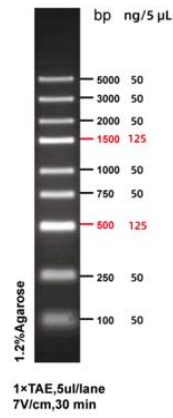


Figure 1. The electrophoretogram of GoldBand™DL5000 DNA Marker

Notes

Please wear the necessary PPE, such lab coat and gloves, to ensure your health and safety!