

Cat#	Product Description	Packing
TI-MB-19007S	100 bp DNA Ladder	500 µL x 1
TI-MB-19007L	100 bp DNA Ladder	500 µL x 5

Description

The 100 bp DNA Ladder is a ready-to-use DNA ladder, which is pre-mixed with loading dye for direct gel loading. This ladder consists of 11 individual DNA fragments: 100, 200, 300, 400, **500**, 600, 700, 800, 900, 1000, 1500 bp, derived from a mixture of PCR products and specifically digested plasmid DNA. The 500bp fragment is present at increased intensity for easy identification (concentration of 150ng/5µL); all other fragments appear with equal intensity on the gel (concentration of 50ng/5µL).

Storage

4°C for 6 months; -20°C for long time

Notice

1. Ready-to-use: premixed with loading dye for direct loading
2. Quick reference: 500 bp (brighter than the other fragments)
3. Loading Volume: 2-5 µL / lane
4. Please change the electrophoresis buffer in time, and use freshly prepared agarose gel for electrophoresis to ensure good separation results

Guide for Molecular Weight

Take 5 µL DNA ladder in 2% agarose gel, use a voltage of 8 V/cm, 1× TAE Buffer for 60 minutes, and the results are as follows:

