

ReadyLadder™ 100 bp DNA Ladder, 100bp - 1500bp - Ready-to-use

[Cat. No. D001](#)

Description

GoldBio's ReadyLadder™ 100 bp DNA Ladder is a convenient, ready-to-use molecular weight marker designed for accurate sizing of small DNA fragments. Composed of 11 defined bands ranging from 100 bp to 1,500 bp, this ladder is ideal for applications requiring high resolution of low-molecular weight DNA.

The 1,500 bp and 500 bp bands are intensified, giving you clear visual markers that make gel interpretation straightforward. With 0.5 µg of DNA per load, the ladder not only supports accurate fragment size determination but also provides a convenient way to estimate sample quantities by comparing band intensity. Because it is premixed with Orange G and Xylene cyanol FF tracking dyes, you can load it directly onto the gel and follow migration in real time. This ladder is designed for sharp, reproducible banding and long-term stability.

Source

PCR products and double-stranded DNA digested with appropriate restriction enzymes, are phenol extracted and equilibrated to 10mM Tris-HCl (pH 8.0) and 1mM EDTA.

Range: 100-1,500 bp

Number of bands: 11

Concentration: 100 µg/ml

Package: 50 µg/500 µl

Recommended Load: 5 µl / well

Containing Orange G & xylene cyanol FF as tracking dyes.

Storage

Store at 25°C for 6 months

Store at -20°C for 24 months

