

ReadyLadder™ 50 bp DNA Ladder, 50bp - 1500bp - Ready-to-use

[Cat. No. D100](#)

Description

GoldBio's ReadyLadder™ 50 bp DNA Ladder is a precise, ready-to-use molecular weight marker designed for sizing small DNA fragments in agarose gel electrophoresis. Featuring 17 distinct bands from 50 bp to 1,500 bp, it provides excellent resolution for low-molecular weight applications.

To streamline gel analysis, the 200 bp and 500 bp bands are enhanced in intensity, serving as clear visual reference points. Each well load delivers 0.5 µg of DNA, enabling both accurate fragment sizing and approximate quantification by comparing band intensities. Premixed with Orange G tracking dye, this ladder is optimized for direct gel loading and real-time monitoring. With sharp, consistent banding patterns and reliable storage stability, it offers dependable performance for routine laboratory workflows.

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: 50-1,500 bp

Number of bands: 17

Concentration: 112 µg/ml

Package: 56 µg/500 µl

Recommended Load: 5 µl / well
Containing Orange G as the tracking dye.

Storage

Store at 25°C for 6 months
Store at -20°C for 24 months

