

ReadyLadder™ 100 bp PLUS™ DNA Ladder, 100bp - 3000bp - Ready-to-use

[Cat. No. D003](#)

Description

GoldBio's ReadyLadder™ 100 bp PLUS™ DNA Ladder is a versatile, ready-to-use molecular weight marker designed for sizing small- to mid-range DNA fragments in agarose gel electrophoresis. With 12 clearly defined bands spanning 100 bp to 3,000 bp, this ladder is well-suited for applications that require precision across a broader range of low-molecular weight DNA.

To simplify gel analysis, the 500 bp and 1,500 bp bands are enhanced in intensity, providing instant reference points during runs. Each load contains 0.5 µg of DNA, allowing researchers to approximate DNA quantity in experimental samples through direct band comparison. Pre-formulated with Orange G and Xylene cyanol FF tracking dyes, this ladder is optimized for direct gel loading and real-time visualization of migration. Its sharp banding patterns, ease of use, and shipping stability make it a dependable tool for everyday molecular biology 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: 100-3,000 bp

Number of bands: 12

Concentration: 108 µg/ml

Package: 54 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

