

ReadyLadder™, 100-10,000 bp , DNA Ladder - Ready-to-use

Cat. No. D012

Description

GoldBio's ReadyLadder™ 100–10,000 bp DNA Ladder is a ready-to-use molecular weight marker designed for versatile DNA sizing across a broad range of fragments. With 19 distinct bands spanning 100 bp to 10 kb, it offers reliable resolution for both low- and mid-range electrophoresis applications.

The 500 bp, 1.5 kb, and 3 kb bands are enhanced in intensity, providing immediate visual reference points that simplify gel interpretation. Each well load delivers 0.5 µg of DNA, enabling users to estimate fragment size and approximate DNA quantity by comparing band intensities. Premixed with Xylene cyanol FF, Bromophenol blue, and Orange G tracking dyes, the ladder supports direct gel loading and allows real-time monitoring of migration. Stable, sharp, and easy to use, it is an essential tool for consistent results in routine 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: 100-10,000 bp

Number of bands: 19

Concentration: 172 µg/ml

Package: 86 µg/500 µl

Recommended Load: 5 µl / well

Containing Orange G, xylene cyanol FF and bromophenol blue as tracking dyes.

Storage

Store at 25°C for 6 months

Store at -20°C for 24 months

