

## ReadiUse™ 100 bp DNA Ladder

Catalog number: 60070, 60071  
Unit size: 100 ul, 2X250 ul

Component	Storage	Amount (Cat No. 60070)	Amount (Cat No. 60071)
ReadiUse™ 100 bp DNA Ladder	Freeze (< -15 °C), Minimize light exposure	100 µL	2X250 µL

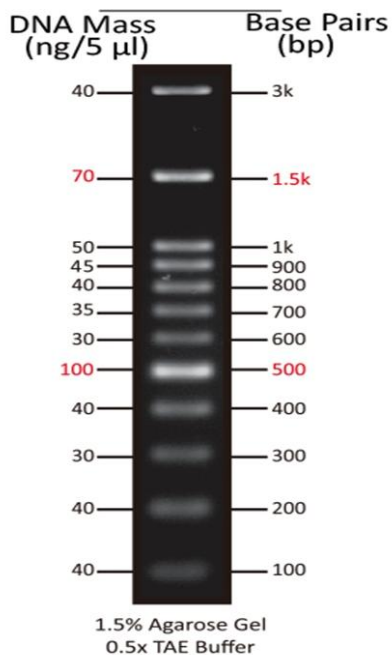
### OVERVIEW

ReadiUse™ 100 bp DNA ladder is a ready-to-use DNA ladder, which is pre-mixed with loading dye for direct gel loading. ReadiUse™ 100 bp DNA ladder is composed of 12 individual DNA fragments: 3k, 1.5k, 1k, 900, 800, 700, 600, 500, 400, 300, 200 and 100 bp derived from a mixture of PCR products and specifically digested plasmid DNA. This product contains two enhanced bands (1.5 kb and 500 bp) for easy reference. In addition, two tracking dyes, Xylene cyanol FF and Orange G which mimic the migration of 4,000 bp and 50 bp dsDNA during electrophoresis are added for real time monitoring.

### SAMPLE EXPERIMENTAL PROTOCOL

ReadiUse™ 100 bp DNA Ladder is pre-formulated and ready to use. 5 µL per well is recommended to use for each gel.

### EXAMPLE DATA ANALYSIS AND FIGURES



**Figure 1.** ReadiUse™ 100 bp DNA Ladder (5 uL/well) was run on 1.5% agarose gel with 0.5X TAE Buffer.

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