

**ReadiUse™ 1 Kb Plus DNA Ladder**

 Catalog number: 60050, 60051  
 Unit size: 100 ul, 2X250 ul

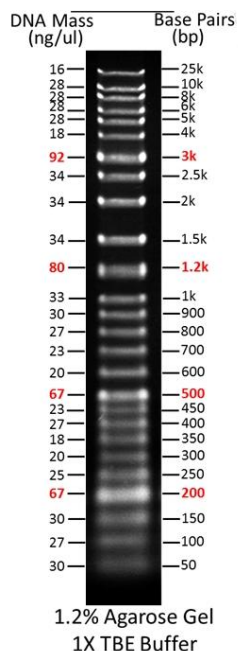
Component	Storage	Amount (Cat No. 60050)	Amount (Cat No. 60051)
ReadiUse™ 1 Kb Plus DNA Ladder	Freeze (< -15 °C), Minimize light exposure	100 µL	2X250 µL

**OVERVIEW**

ReadiUse™ 1 kb Plus DNA ladder is a ready-to-use DNA ladder, which is pre-mixed with loading dye for direct gel loading. It is composed of 26 individual DNA fragments: 25k, 10k, 8k, 6k, 5k, 4k, 3k, 2.5k, 2k, 1.5k, 1.2k, 1k, 900, 800, 700, 600, 500, 450, 400, 350, 300, 250, 200, 150, 100 and 50 base pairs derived from a mixture of PCR products and specifically digested plasmid DNA. This product contains four enhanced bands (3k, 1.2k, 500 and 200 bp) for easy reference. In addition, three tracking dyes, Xylene cyanol FF, Bromophenol blue and Orange G which mimic the migration of 4,000 bp, 500 bp and 50 bp dsDNA during electrophoresis are added for real time monitoring.

**SAMPLE EXPERIMENTAL PROTOCOL**

ReadiUse™ 1 Kb Plus 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™ 1 Kb Plus DNA Ladder (5 uL/well) was run on 1.2% agarose gel with 1 X TBE Buffer.

**DISCLAIMER**

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