



100 bp Ready to Use DNA Ladder

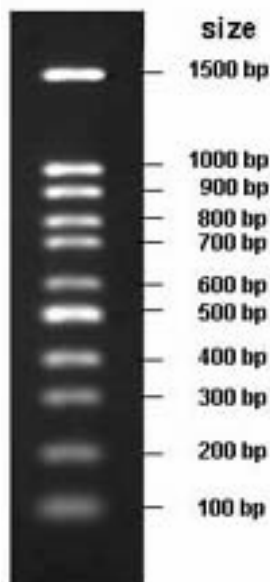
Catalog Number: DL100-01

600 ul

Concentration: 125 ng/ul

Storage: -20°C

Size:



Description: The 100 bp Ready to Use DNA Ladder consists of 11 fragments ranging in size from 100 to 1500 bp. The intensity of the 500 bp band has been increased to serve as a reference. This ladder is specially formulated so that it can be used for visualizing small DNA fragments separated by agarose gel electrophoresis.

Instruction for Use: Load 6µl of 100 bp Ready to Use DNA Ladder per well. When loaded at this concentration, band size in bp corresponds to specific quantity of DNA listed in Figure 1.

Storage Buffer: 10mM Tris-HCl, pH 8.0. 1mM EDTA, 1x loading buffer (5% Glycerol, 0.02% bromophenol blue, 0.02% xylene cyanol).

Figure 1. 100 bp Ready to Use DNA Ladder separated on a 1.5% agarose gel.

Quality Control: Agarose gel analysis shows that the bands between 100 bp and 1500 bp are distinguishable. All bands must form a gradient. Incubation of 5µl of the 1Kb Ready to Use DNA Ladder in restriction enzyme buffer overnight at 37°C shows absence of visible degradation.

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