

100 bp DNA Ladder, Ready to Load

For in vitro use only

Description:

The 100 bp DNA Ladder is a ready-to-use molecular weight marker suitable for DNA fragment size determination on gel electrophoresis. The 100 bp DNA Ladder is formulated to run accurately and to provide crisp band patterns. It contains Bromophenol Blue dye which serves as visual aid to monitor the progress of migration during agarose gel electrophoresis. The 100 bp DNA Ladder contains 12 discrete DNA fragments ranging from 100 bp to 3,000 bp.

100 bp DNA Ladder (100-3000 bp)

bp	ng/10 μ l
3000	108
2000	147
1500	116
1000	77
800	62
700	54
600	46
500	150
400	60
300	56
200	60
100	60

The 100 bp DNA Ladder contains 12 discrete DNA fragments ranging in size from 100 bp to 3000 bp. This marker is ideal for the size determination of PCR products.

Concentration:

0.1 μ g/ μ l

Size range:

100 – 3,000 bp

No of Bands:

12

Recommendations:

For best results, please load 5-10 μ l of the 100 bp DNA Ladder per well.

Storage solution:

10 mM EDTA, 10% glycerol, 0.015% Bromophenol Blue and 0.17% SDS.

Shipping and Storage conditions:

Shipping and storage for up to 9 months at room temperature has no detrimental effects on the quality of this reagent. -20°C is recommended for long term storage.

Safety warnings and precautions:

This product and its components should be handled only by persons trained in laboratory techniques. It is advisable to wear suitable protective clothing, such as laboratory overalls, gloves and safety glasses. Care should be taken to avoid contact with skin or eyes. In case of contact with skin or eyes, wash immediately with water.

Some applications this product is used in may require a license which is not provided by the purchase of this product. Users should obtain the license if required.

Description	Size	Cat. No.	Contents
100 bp DNA Ladder (100-3000 bp)	50 μ g	DL100-50	100 bp DNA Ladder
1 kb DNA Ladder (300-10000 bp)	50 μ g	DL1000-50	1 kb DNA Ladder

1 kb DNA Ladder, Ready to Load

For *in vitro* use only

Description:

The 1 kb DNA Ladder is a ready-to-use molecular weight marker suitable for DNA fragment size determination on gel electrophoresis. The 1 kb DNA Ladder is formulated to run accurately and to provide crisp band patterns. It contains Bromophenol Blue which serve as visual aid to monitor the progress of migration during agarose gel electrophoresis. The 1 kb DNA Ladder contains 13 discrete DNA fragments ranging from 300 bp to 10,000 bp.

1 kb DNA Ladder (300-10000 bp)

bp	ng/10 μ l
10000	80
8000	80
6000	80
5000	80
4000	80
3000	120
2500	123
2000	81
1500	73
1000	41
700	57
500	61
300	44

The 1 kb DNA Ladder contains 13 discrete DNA fragments ranging in size from 300 bp to 10000 bp. This marker is ideal for the size determination of digested DNA.

Concentration:

0.1 μ g/ μ l

Size range:

300 – 10,000 bp

No of Bands:

13

Recommendations:

For best results, please load 5-10 μ l of the 1 kb DNA Ladder per well.

Storage solution:

10 mM EDTA, 10% glycerol, 0.015% Bromophenol Blue and 0.17% SDS.

Shipping and Storage conditions:

Shipping and storage for up to 9 months at room temperature has no detrimental effects on the quality of this reagent. -20°C is recommended for long term storage.

Safety warnings and precautions:

This product and its components should be handled only by persons trained in laboratory techniques. It is advisable to wear suitable protective clothing, such as laboratory overalls, gloves and safety glasses. Care should be taken to avoid contact with skin or eyes. In case of contact with skin or eyes, wash immediately with water.

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Description	Size	Cat. No.	Contents
100 bp DNA Ladder (100-3000 bp)	50 μ g	DL100-50	100 bp DNA Ladder
1 kb DNA Ladder (300-10000 bp)	50 μ g	DL1000-50	1 kb DNA Ladder