

100 bp DNA Ladder

DNA Molecular Weight Markers

[Cat. No.]
D-1030

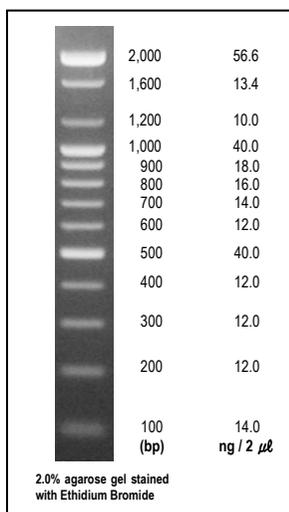
[Lot No.]
0703

[Volume]
250 μl

[Concentration]
135 ng/ μl

● **Description** : 100 bp DNA Ladder is specially designed for determining the size of double strand DNA from 100 to 2,000 base pairs. The DNA Ladder consists of 13 double strand DNA fragments ranging in sizes from 100 to 1,000 bp in 100 bp increments, and additional fragments of 1,200, 1,600, 2,000 bp. The 500, 1,000 and 2,000 bp bands are two to three times brighter for easy identification

● **Application** : Size confirmation of DNA fragments.



● **Features**

- ready-to-use
- Recommended Loading : 1.5 - 2.0 μl /5 mm lane width
- Typical Loading Number of Lanes : 125 - 166 (5 mm lane width)
- Range (bp) : 100 – 2,000
- Number of Bands: 13

● **Storage Buffer**

- 10 mM Tris-HCl (pH 8.0)
- 1 mM EDTA
- 2.5% Ficoll
- 0.005% Bromphenol Blue
- 0.005% Xylene Cyanol

● **Storage Condition**

This product is shipped on dry ice and should be stored at -20°C until use.

● **Quality control assay** : Agarose gel analysis shows that 13 bands are clearly distinguishable. The 500 bp, 1,000 bp and 2,000 bp band must be more intense than any other band.

● **Note**

- The DNA ladder can be applied directly onto an agarose gel.
- Do not heat before loading.
- Repeated freezing and thawing should be avoided.

● **Ordering Information**

[Related BIONEER DNA Molecular Weight Marker Products]

Cat. No.	Products
D-1020	25/100 bp Mixed DNA Ladder, 250 μl
D-1030	100 bp DNA Ladder, 250 μl
D-1040	1 Kb DNA Ladder, 500 μl
D-1050	Lambda DNA / Hind III Markers, 100 μg
D-1060	Lambda DNA / EcoR I Markers, 100 μg
D-1070	Lambda DNA / EcoR I + Hind III Markers, 100 μg
D-2510	Lambda DNA, 250 μg

Note

For research use only. Not for use in diagnostic or therapeutic procedures.