

# 25/100bp Mixed DNA Ladder DNA Molecular Weight Markers

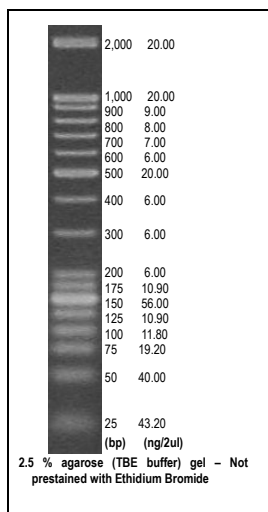
[Cat. No.]  
D-1020

[Lot No.]

[Volume]  
250  $\mu$ l

[Concentration]  
150 ng/ $\mu$ l

- **Description** : 25/100 bp Mixed DNA Ladder is specially designed for determining the size of double strand DNA from 25 to 2,000 base pairs. The DNA Ladder consists of 17 double strand DNA fragments ranging in size from 25 to 200 bp in 25 bp increments, and additional fragments of 300, 400, 500, 600, 700, 800, 900, 1000, 2000 bp. The 150, 500, 1,000 and 2,000 bp bands are approximately two to three times brighter for easy identification.
- **Application** : Size confirmation of DNA fragments.



• **Features**

- ready-to-use
- Recommended Loading : 2.0  $\mu$ l/5 mm lane width
- Typical Loading Number of Lanes : 125 (5 mm lane width)
- Range (bp) : 25 – 2,000
- Number of Bands: 17

• **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 17 bands are clearly distinguishable. The 150 bp, 500 bp, 1,000 bp and 2,000 bp bands 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.
  - This ladder is not designed for quantitation.
  - Repeated freezing and thawing should be avoided.

• **Ordering Information**

[Related BIONEER DNA Molecular Weight Marker Products]

Cat. No.	Products
D-1010	10bp DNA Ladder, 100 $\mu$ l
D-1020	25/100 bp Mixed DNA Ladder, 250 $\mu$ l
D-1030	100 bp DNA Ladder, 250 $\mu$ l
D-1035	100 bp Plus DNA Ladder, 500 $\mu$ l
D-1040	1 Kb DNA Ladder, 500 $\mu$ l
D-1050	Lambda DNA / Hind III Markers, 100 $\mu$ g
D-1060	Lambda DNA / EcoR I Markers, 100 $\mu$ g
D-1070	Lambda DNA / EcoR I + Hind III Markers, 100 $\mu$ g
D-2510	Lambda DNA, 250 $\mu$ g
D-1030-1	<b>AccuLadder</b> 100bp 320 $\mu$ l x 2
D-1040-1	<b>AccuLadder</b> 1Kb 500 $\mu$ l x 2

**Note**

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

Bioneer shall not in any event be liable for incidental or special damage of any kind resulting from any use except on application(s).