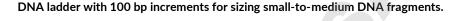




Perfect[™] 100 bp DNA Ladder

Cat. No.	size
E3134-01	50 μg
E3134-02	250 μg

Storage Conditions: Store at +4°C. For long term storage, store at -20°C.



Description:

- Ideal for sizing linear double-stranded DNA fragments from 100 to 2500 bp.
- Contains 13 bands with fragments of the following sizes: 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500, 2000, 2500 bp.
- For easy reference, bands at 500 and 1000 bp are brighter than other bands in the ladder.
- Can be 5'-end labeled with radioisotopes and T4 Polynucleotide Kinase for visualization by autoradiography after a dephosphorylation step.
- Supplied in ready-to-load buffers containing tracking dyes.
- No preparation before loading required.

Storage Buffer:

10 mM Tris-HCl (pH 8.0 at 22°C), 1 mM EDTA, dyes.

Loading:

The recommended amount of size marker to load on a gel is 0.5 μg per lane. Mix well after thawing.

Concentration:

The Perfect 100 bp DNA Ladder is supplied at 125 μ g/ml in 10 mM Tris-HCl (pH 8.0), 1 mM EDTA.

5 μl load would load 625 ng DNA.*

DNA conc.
25 ng
20 ng
15 ng
70 ng
30 ng
30 ng
30 ng
30 ng
250 ng
30 ng
30 ng
30 ng
30 ng

^{*}not for use in order to quantify the amount of DNA in bands

