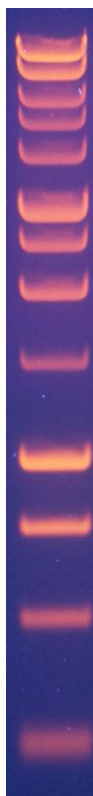


Perfect Plus™ 1 kb DNA Ladder

Cat. No.	size
E3131-01	100 µg
E3131-02	500 µg

Storage Conditions: Store at +4°C.

For long term storage, store at -20°C.



DNA ladder with 0.25-1 kb increments for sizing medium-to-large DNA fragments.

Description:

- Ready to use.
- Ideal for sizing linear double-stranded DNA fragments from 0.25 to 10.0 kb.
- Contains 13 bands with fragments of the following sizes: 0.25, 0.5, 0.75, 1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, and 10.0 kb.
- Bands at 1.0 and 3.0 kb are three times brighter for easy reference on agarose gels.

Storage Buffer:

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

Loading:

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

Concentration:

The Perfect Plus™1 kb DNA Ladder is supplied at 100 µg/ml in 10 mM Tris-HCl (pH 8.0), 1 mM EDTA.

5 µl load would load 500 ng DNA.*

Band size	DNA conc.
10 kb	60 ng
8 kb	50 ng
6 kb	25 ng
5 kb	20 ng
4 kb	25 ng
3 kb	60 ng
2.5 kb	30 ng
2 kb	35 ng
1.5 kb	20 ng
1 kb	80 ng
0.75 kb	45 ng
0.50 kb	25 ng
0.25 kb	30 ng

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