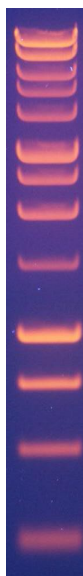


### Perfect Plus<sup>™</sup> 1 kb DNA Ladder

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 0.5 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 5-10 µl per lane depending on a gel type.

**Concentration:**

The Perfect Plus<sup>™</sup>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.

- 10 kb 60 ng,
- 8 kb 50 ng,
- 6 kb 25 ng,
- 5 kb 15 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.

This product is developed, designed and sold exclusively for research purposes and *in vitro* use only.

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