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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-HCI (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 μ g per lane.

Concentration:

The Perfect Plus^{m1} 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

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This product is developed, designed and sold exclusively for research purposes and in vitro use only. EURx Ltd. 80-297 Gdańsk Poland ul. Przyrodników 3, NIP 957-07-05-191, KRS 0000202039 www.eurx.com.pl, orders@eurx.com.pl, *tel.* +48 58 524 06 97, *fax* +48 58 341 74 23