



For research use only. Not for clinical diagnosis.

Catalog No. 02-400EX

DNA Size Marker, 1 kbp Ladders (1-10 kbp)

The BioAcademia 1 kb DNA Ladder is suitable for sizing linear double-stranded DNA fragments from 1 kbp to 10 kbp. The 4 kb band has increased intensity to provide internal orientation. The mass of DNA in each band is provided (assuming a 0.45 $\mu\text{g}/5\ \mu\text{l}$ load) for approximate quantification in comparably intense samples of similar size.

DNA ladders: 1, 2, 3, 4, 5, 6, 8, 10 kbp.(8 bands, see Figure below)

Concentration: 0.45 $\mu\text{g}/5\ \mu\text{l}$

Recommended volume of application per lane: 5 μl

Solution: 10 mM Tris-HCl (pH 8.0), 1 mM EDTA, 0.015% bromophenol blue, 2.5% Ficoll-400, 0.017% SDS

Storage: For short period (~1 month) at 4°C., for longer period at -20°C.

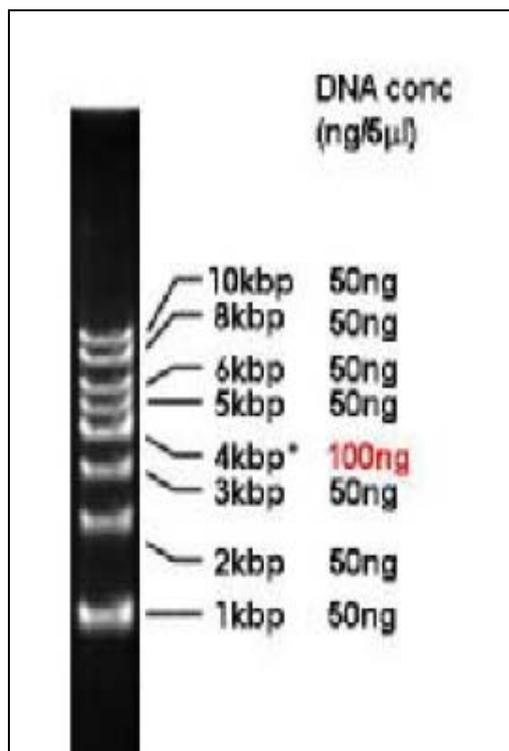


Figure. Electrophoretic pattern of 1 kbp DNA ladders on 1% agarose gel in TAE buffer. Five μl of the DNA ladder solution was applied.

**Related Product : 02-420 DNA Size Marker,
100 bp Ladders (100-1,500 bp)**

For research use only. Not for clinical diagnosis.

Manufactured by BioAcademia Inc.



COSMO BIO Co., LTD.

Inspiration for Life Science

TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN

URL: <http://www.cosmobio.co.jp>

e-mail: export@cosmobio.co.jp

[Outside Japan] Phone : +81-3-5632-9617

[国内連絡先] Phone : +81-3-5632-9610

FAX : +81-3-5632-9618

FAX : +81-3-5632-9619