

1kb DNA Ladder marker

Catalogue No 413-1, 50 µg

Concentration 0.5µg/µl

Description: The 1kb DNA Ladder is suitable for sizing double-stranded DNA from 1kb to 8kb. The 4kb band has increased intensity to serve as reference point. The double-stranded ladder can be visualized on 1% to 2% agarose gels after ethidium bromide staining.

Preparation: Complete digestion of MINOTECH *biotechnology* plasmid mix with appropriate restriction enzyme yields the following 7 discrete fragments (in kilobase pairs): 8, 6, 5, 4, 3, 2, 1.

Storage buffer: 10 mM Tris-HCl (pH 8.0) and 1 mM EDTA. Store at -20°C.

Note: Dilute in TE or other buffer of minimal ionic strength. DNA may denature if diluted in dH₂O and subsequently heated.

