3050 Spruce Street, St. Louis, MO 63103 USA
Tel: (800) 521-8956 (314) 771-5765 Fax: (800) 325-5052 (314) 771-5757
email: techservice@sial.com sigma-aldrich.com

Product Information

1 kb Ladder
(0.5–10 kb)

Catalog Number **D0428**
Storage Temperature –20 °C

Product Description

This DNA 1 kb Ladder contains 11 fragments consisting of 500 bp repeats from 0.5 to 3 kb, 1 kb repeats from 3 to 6 kb, and 2 kb repeats from 6 to 10 kb.

DNA Ladder Fragment Sizes: kilobase pairs (kb)

10.0
8.0
6.0
5.0
4.0
3.0
2.5
2.0
1.5
1.0
0.5

The product is supplied in a solution of 10 mM Tris-HCl, pH 8.0, with 1.0 mM EDTA.

The DNA 1 kb Ladder is suitable for size determination of double-stranded DNA using DNA electrophoresis. This marker can be used with either agarose or polyacrylamide gels. The recommended agarose gel concentration is 0.75% for this marker.

Recommended load volume:	5 µl
Number of loads per vial:	100

Adjustments may be made for different well sizes and individual preferences.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions

A sample of the marker should be diluted with gel loading buffer to an appropriate loading concentration.

Storage/Stability

Store the product at –20 °C.

KAA,KH,MAM 09/11-1

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