

1 kb Plus DNA Ladder

Cat. #: M0043 Size: 1 ml

Introduction

The 1 kb DNA Ladder is suitable for sizing linear double-stranded DNA fragments from 1 kb to 10 kb. The ladder contains a total of eight bands: 1000, 2000, 3000, 4000, 5000, 6000, 8000, 10000bp. The 4 kb band has a concentration of 100 ng/5 μ L with increased intensity to provide internal orientation. The other bands have a concentration of 50 ng/5 μ L. The 1 kb DNA Ladder is provided in 1 \times loading buffer.

The Ready-to-Use DNA Ladders are supplied in a ready-to-load format. For agarose gel electrophoresis, load \sim 1 μ L of DNA ladder per mm lane.

Package Information

Components	M0043
1 kb Plus DNA Ladder	4 \times 250 μ l

Storage

Store at -20 $^{\circ}$ C for 24 months.

Source

The ladders are generated from PCR and restriction enzyme digestion of double stranded DNA. The DNA is purified by phenol extraction, and equilibrated to 10 mM Tris-HCl (pH 8.0) and 1 mM EDTA.

Composition

1,000 bp, 2,000 bp, 3,000 bp, 4,000 bp, 5,000 bp, 6,000bp, 8,000 bp, 10,000 bp

